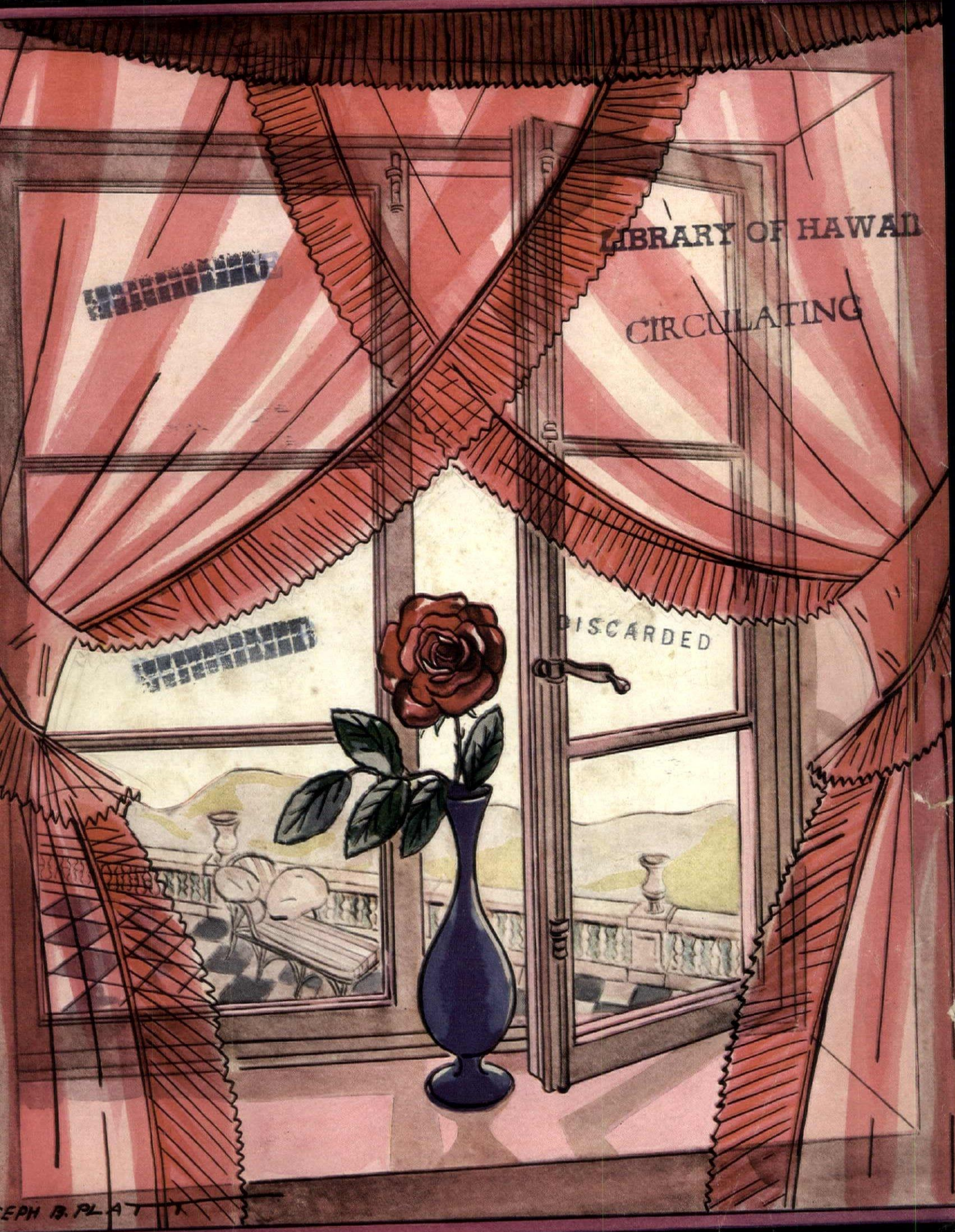
HOUSE & GARDEN



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August ~ 1924

The Condé Nast Publications Inc.

Armstrong's Linoleum

for Every Floor in the House

A beautiful Dining-Room Floor of Armstrong's Straight Line Inlaid Linoleum with a border of Armstrong's Plain Black Linoleum

Look f
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THE STORY OF A WOMAN AND A FLOOR

YOU are about to read the story of a woman who does her own housework and how she happened to get this beautiful linoleum floor. This woman was one of the millions of American women who look after their own homes—and of all her burdens the one that taxed her most was the job of making soft wooden floors look well. In dining-room and living-room, the floor was scuffed and heel-bruised. The boards had shrunk and, in between, there were cracks filled with trodden-in-dust and dirt.

Every time the woman looked at that wooden floor she sighed. The dining-room was the gathering place of the family. Three times a day their shoe soles rubbed the paint from its surface. Three times a day little feet bounded over it and hammered in more dirt and scuffed and battered and shabbied it.

That wooden floor meant work, work, work for her—a constant demand for repainting, revarnishing, or refinishing. Then one day she heard of floors of Armstrong's Linoleum—smooth, unbroken floors, practically one-piece floors. She went to her merchant and she saw many different kinds—single color effects; Jaspé two-tone effects in gray, sage green, brown, or blue; decorative tile effects; all-over carpet designs. Finally she chose the floor you see in the picture and had it laid by the store's expert linoleum layers.

Dust? No more was there crack-hidden dust, hard-to-move dirt. She waxed her new floor, rubbing the wax in thoroughly. Then she went over it with a dry dust-mop to wipe off surface dust. No more scrubbing! No more grubbing! Glory be!

That floor did not get progressively shabby-looking. It became progressively better-looking, It gave that woman a chance for some pride, when callers came. It was more-over a sound-deadening floor; a glowing, smiling floor; an easy-on-the-nerves-and-feet floor—a beautiful floor as smooth as the ceiling, in color harmony with walls and furniture, a decorative part of the room.

Millions of women should have and can have floors like that. We suggest that you visit a good merchant who sells Armstro Linoleum and ask questions. Look at many designs in Armstrong's Linoleun will show you. If he does not have what you want, ask him to let you see copy of the Armstrong pattern book.

Write to us. The Armstrong Cork C pany maintains a special Bureau of Inte Decoration which will be glad to advise on the subject of linoleum patterns and ors and give you personal help in plann the different rooms of your house. Th is no charge for this service.

"FLOORS, FURNITURE AND COLOR"

By Agnes Foster Wright

Mrs. Wright, a former President of the Interior D orators' League of New York, has written a b which tells how to use color effectively in home nishing and decoration. This book is well illustra and will give real help in planning individual roo For twenty-five cents (in Canada s cents) we will mail you a copy, p age prepaid. All Armstrong's Li leum—plain, printed, or inlaid— be identified by the Circle "A" tra mark on the burlap back.

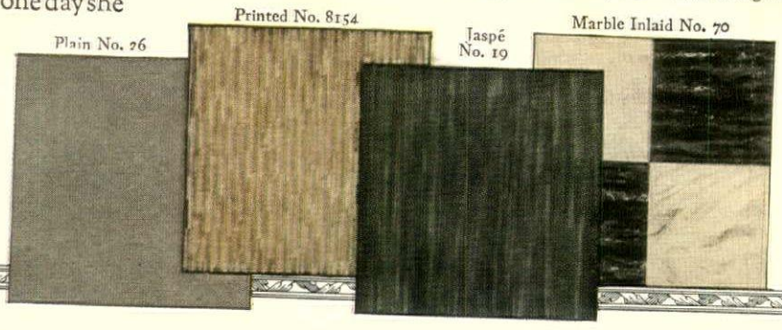
ARMSTRONG CORK COMPA
Linoleum Division
826 State Street, Lancaster, Pa.

Plain No. 76

Printed No. 8154

Jaspé No. 19

Marble Inlaid No. 70



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With All the Wide World to Choose From—

WITH all the wide world to choose from, Bishopric Base and Bishopric Stucco were selected to make stronger and more beautiful walls for Cincinnati's dream home sponsored and now being built by the *Cincinnati Enquirer*. Bishopric Base and Bishopric Stucco have been selected by the Building Committee to beautify and protect forever the outside walls of this Dream Home.

Because Bishopric materials bear a national reputation for quality; because the name Bishopric is a guarantee the world over by a house of established integrity; because Bishopric materials are BEST—these are the reasons why Bishopric Stucco and Bishopric Base were selected.

Bishopric Stucco over Bishopric Base provide a wall of great strength that endures for generations. In addition to this, Bishopric possesses the quality of rare beauty which can be expressed according to each individual taste through the many and varied attractive finishes afforded by Bishopric Stucco.

Booklet—Send for Illustrated Booklet "Bishopric For All Time and Clime"—It is yours for the asking.

Portfolio of Plans—We have prepared for you many interesting house plans by several of the leading architects. This will be sent to you on receipt of twenty-five cents, coin or stamps.

Let us tell you all about this "Dream Home," and why BISHOPRIC products were chosen.

The story will interest you. Write today. There is no obligation—just delight.

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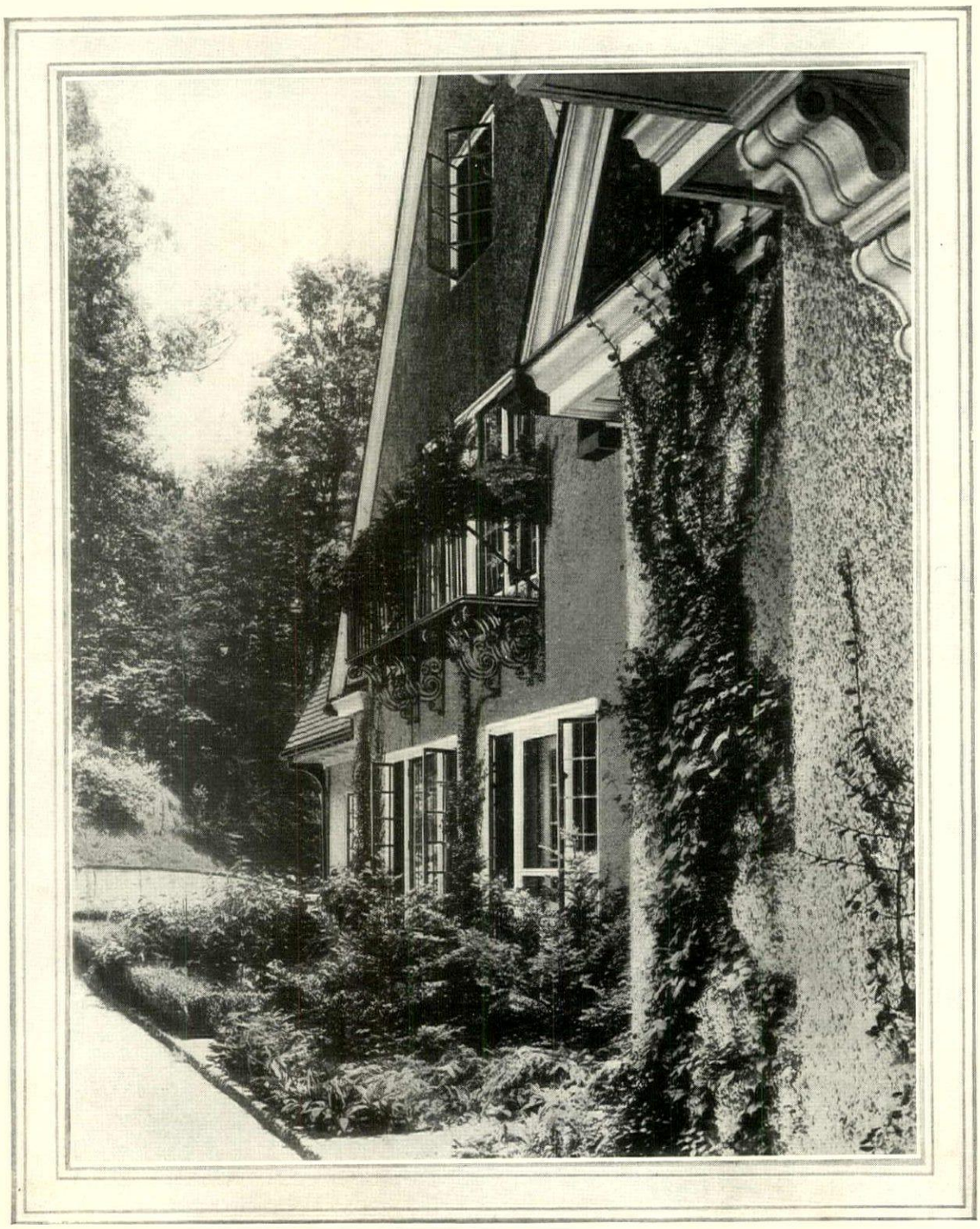
BISHOPRIC

"A Complete Wall Unit for all Time and Clime"



Residence of Edward A. Woods, Sewickley, Pa., Janssen & Abbott, Architects

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Steel Casements

The exquisite design and workmanship of Crittall casements, windows and French doors, have been acknowledged by generations of architects and users in America, in England and in Europe. ¶ We make punctual delivery of our products an issue of prime importance, and accept no commitments we cannot fulfill. ¶ That is another reason architects and builders have no hesitancy in specifying Crittall.

ALL CRITTALL CASEMENTS AND WINDOWS ARE MADE OF CRITTALLOY—THE COPPER BEARING STEEL

CRITTALL CASEMENT WINDOW COMPANY - - *Manufacturers* - - DETROIT, MICHIGA

HOUSE & GARDEN
August, 1924

House & Garden is published monthly by the Condé Nast Publications, Inc., at Greenwich, Conn. Executive and publishing offices, Greenwich, Conn. Editorial offices, 19 W. 44th Street, New York City, New York. Subscriptions for the United States, Canada, Porto Rico, Hawaii and the Philippines, $3.50 a year in advance. Application for entry as second class matter at the Post Office at Greenwich, Conn., pending.

Vol. No. 46, No

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REO

The Gold Standard of Values

Powered With a Famous Engine

The T-6 Special Touring Reo is shown below.

Beauty of line and finish is supplemented by many fitments contributing to comfort and completeness.

Regular equipment includes four genuine balloon tires, steel disc wheels, Motometer, full nickeled radiator with winged cap, electric clock, cigar lighter.

The price is $1595 (at Lansing, plus tax.)

BECAUSE motoring satisfaction is largely a matter of engine sureness, Reo passenger cars are powered with the famous Reo six-cylinder engine.

Developed by Reo's twenty years of experience,—designed for consistent performance,—manufactured (by Reo) for unusual endurance,—and standard for five years,—it is truly motordom's most outstanding example of 6-cylinder efficiency.

Due to certain distinctive Reo features, it is a marvel of compactness without sacrifice of power; a conspicuous achievement in combining lightness of weight with great strength.

In the one engine are embodied these famous features:

Balanced valve placement (intake in head, exhaust at side);

A short crankshaft, supported in four bearings and balanced statically and dynamically;

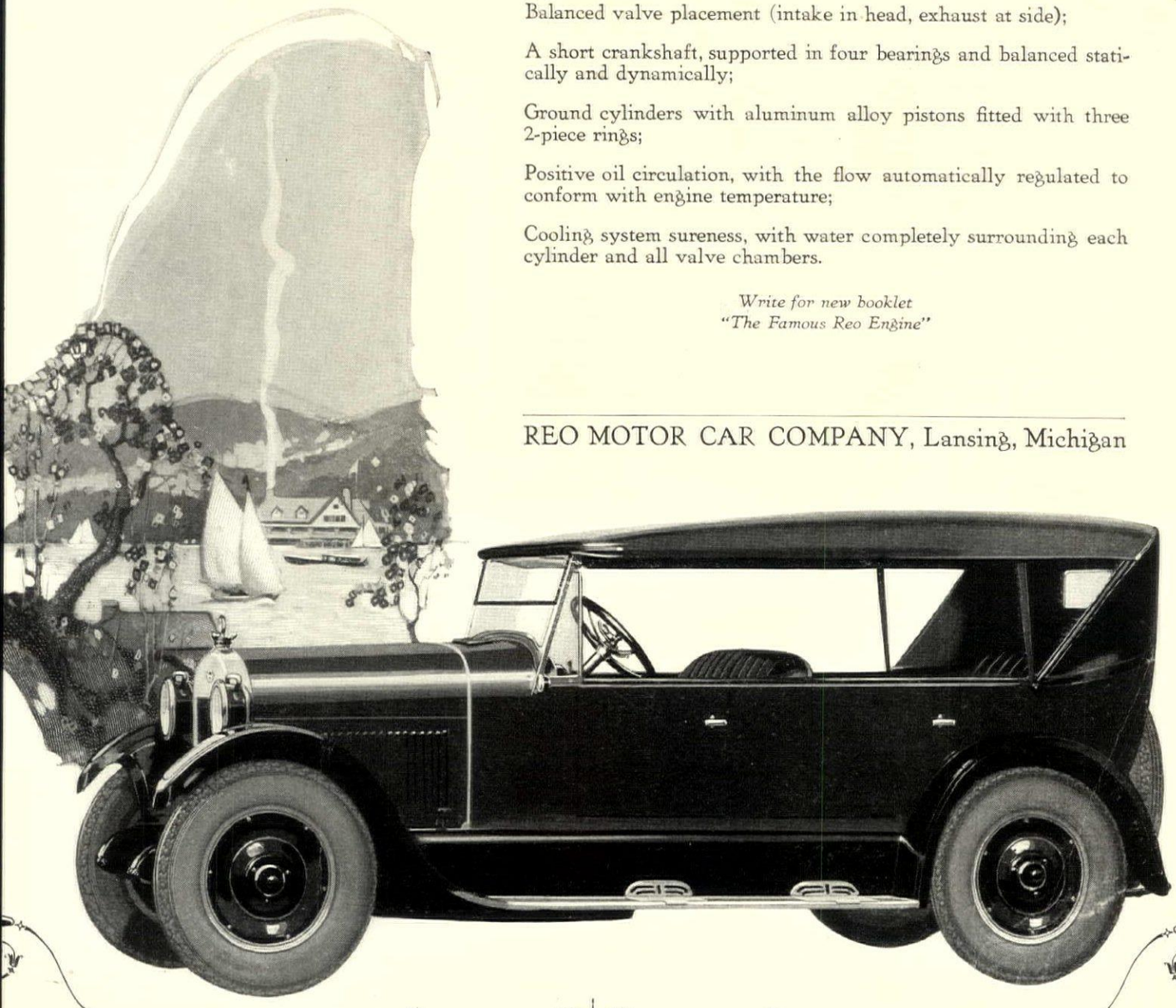
Ground cylinders with aluminum alloy pistons fitted with three 2-piece rings;

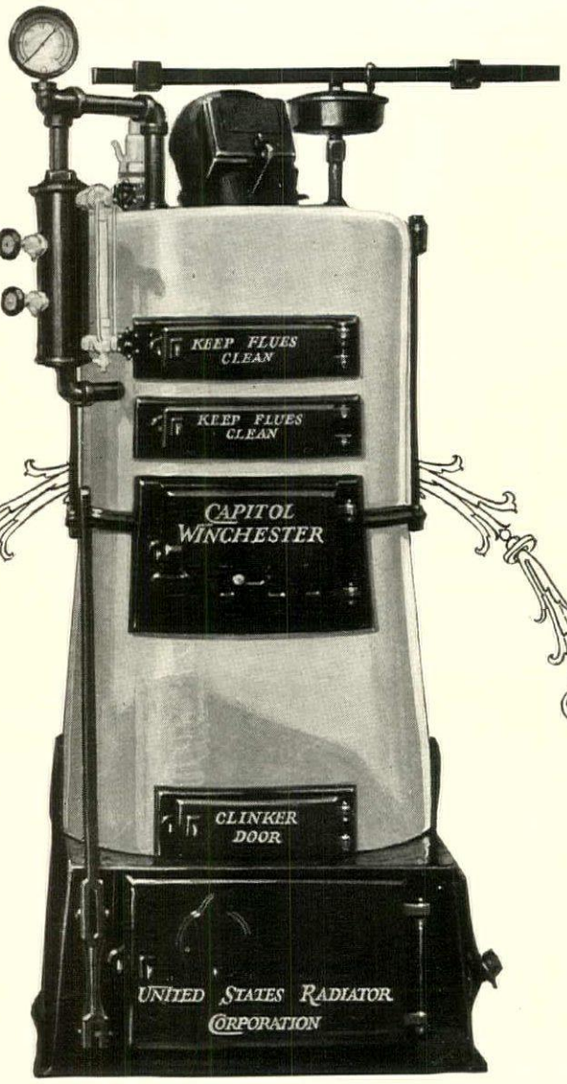
Positive oil circulation, with the flow automatically regulated to conform with engine temperature;

Cooling system sureness, with water completely surrounding each cylinder and all valve chambers.

Write for new booklet
"The Famous Reo Engine"

REO MOTOR CAR COMPANY, Lansing, Michigan





For many years, now, Capitol Boilers and United States Radiators have been sold, not as mere equipment, but in terms of a positive Heating Service. Our products must satisfy *you* or they cannot possibly satisfy us.

So, please remember, when you buy a Capitol you buy something that is worthy of confidence. We have expressed our feeling in the matter by the broadest, written guarantee in the Boiler field.

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Capitol Boilers

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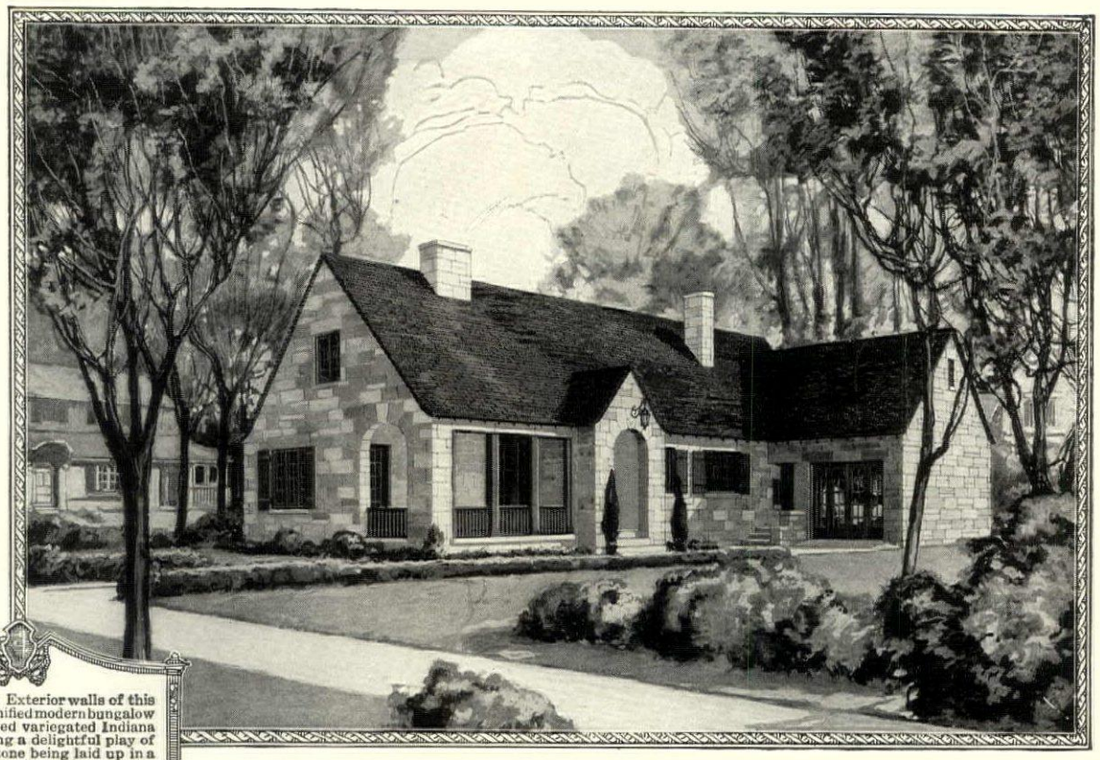


DESIGN No. 218. Exterior walls of this charming and dignified modern bungalow are of rough-sawed variegated Indiana Limestone showing a delightful play of colortones, the stone being laid up in a "block in course" ashlar, giving an interesting effect. Folder of floor plans sent free upon request. Entire Portfolio of designs sent upon receipt of 50c. Address, Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana

"A Friendly Home Is the Best of Houses"
—*Latin Proverb*

Stone Walls of Unusual Beauty

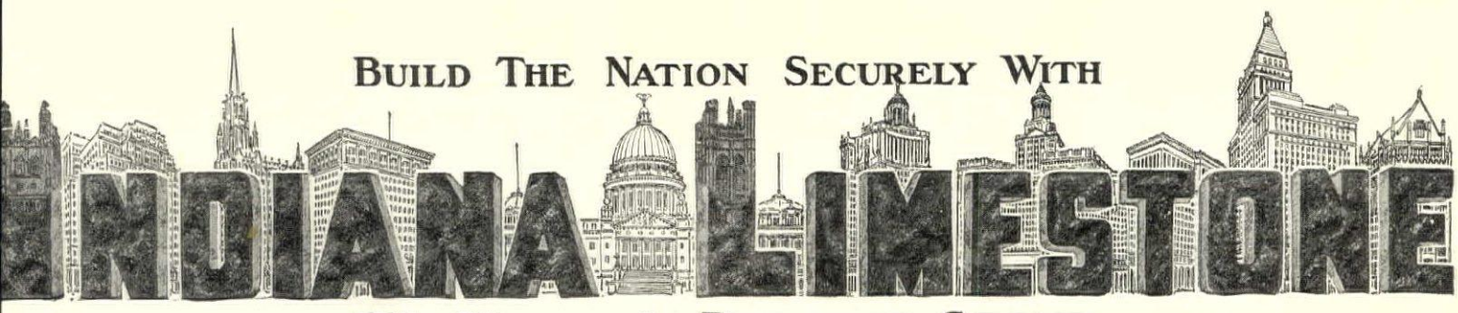
A NEW FORM of stone facing for walls has been developed by the Indiana Limestone quarry producers. Architects and builders everywhere are finding it especially adaptable to small houses and bungalows where the question of expense must be considered, for it is the lowest in cost of the various forms of stone construction.

It is called Indiana Limestone quarry-run random ashlar and consists of stone of varying short lengths which can be broken up and jointed on the job to the sizes required, thus eliminating the expense of having drawings made and each piece of stone cut according to dimension. It can be set by masons as well as cut stone contractors. The stone used is of no one particular grade or texture, and the result is a delightful play of colortones in various shades of buff, blue and gray.

The Pyramids remain today as permanent evidence that limestone is the world's most enduring building material.

Your architect will be able to supply you with further information regarding this economical type of wall facing, or if you will write to the address given above, our Service Bureau will be glad to tell you more concerning its uses and practical advantages.

BUILD THE NATION SECURELY WITH



The NATION'S BUILDING STONE

The Charm of a Modern Home

THAT the American home of today is better designed and more tastefully furnished than that of a generation ago is due in no small degree to the architect and the interior decorator, whose influence has revived the vogue for the pure period styles of Chippendale, Hepplewhite, Sheraton, Phyfe, the Brothers Adam.

Most of the finest work of the old masters was developed in Genuine Mahogany, with a simple finish which has permitted light to reach the wood and give it those rich, mellow tones so admired in old pieces. Modern furniture of Genuine Mahogany, if given a simple, transparent finish, will age in the same beautiful way.

Genuine Mahogany is available in quantities sufficient for all purposes. Do not accept any other wood masquerading as Mahogany under misleading trade names.

ASK FOR AND INSIST ON GENUINE MAHOGANY

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"STATELY MAHOGANY"
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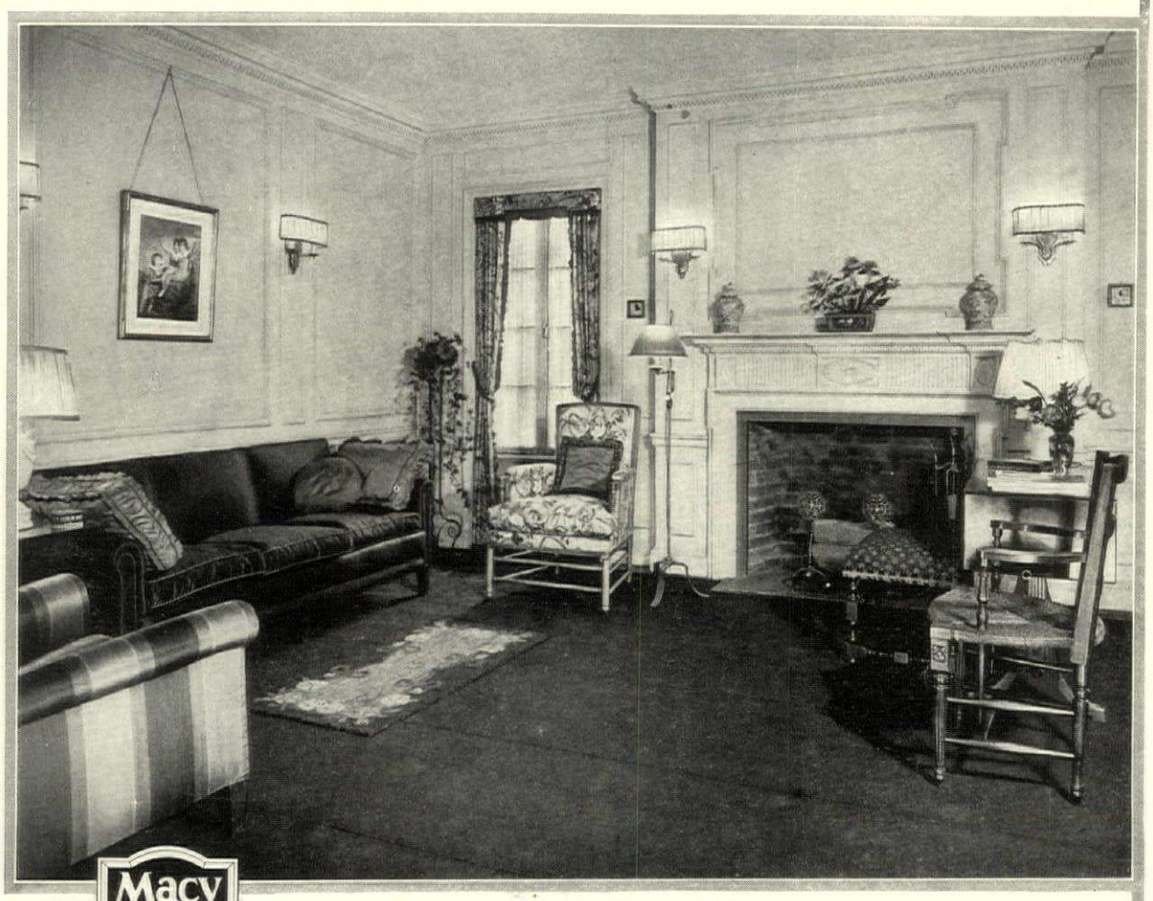
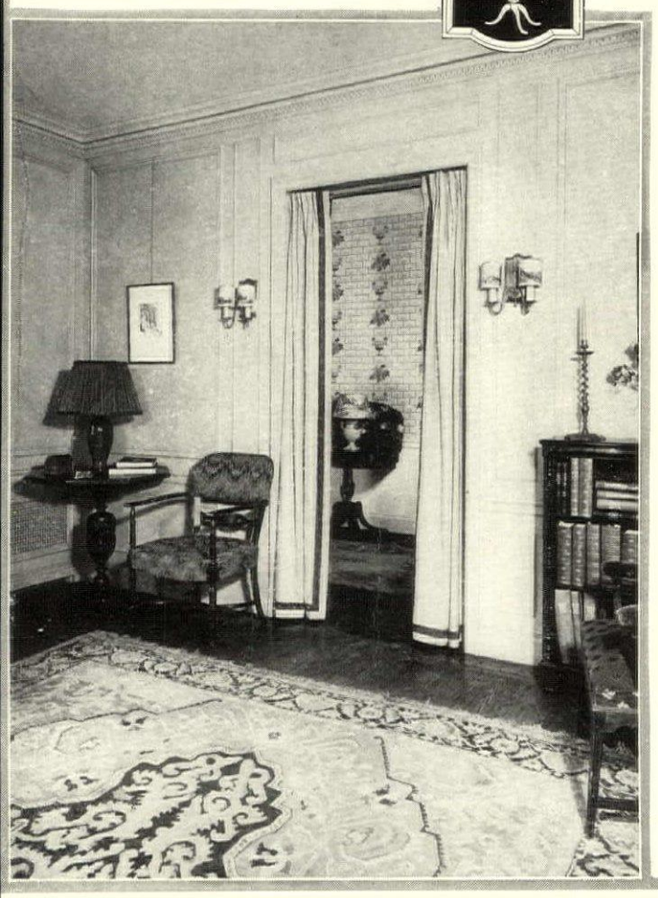
MACY · FURNITURE



Macy Furniture



The Mid Summer Sale of Macy Furniture finds our spacious furniture floor replete with interesting suites and odd pieces for Fall home furnishing. In presenting this large collection we adhere to our aim—we offer only well-built furniture of charm and good taste at prices that are invariably lowest-in-the-city.

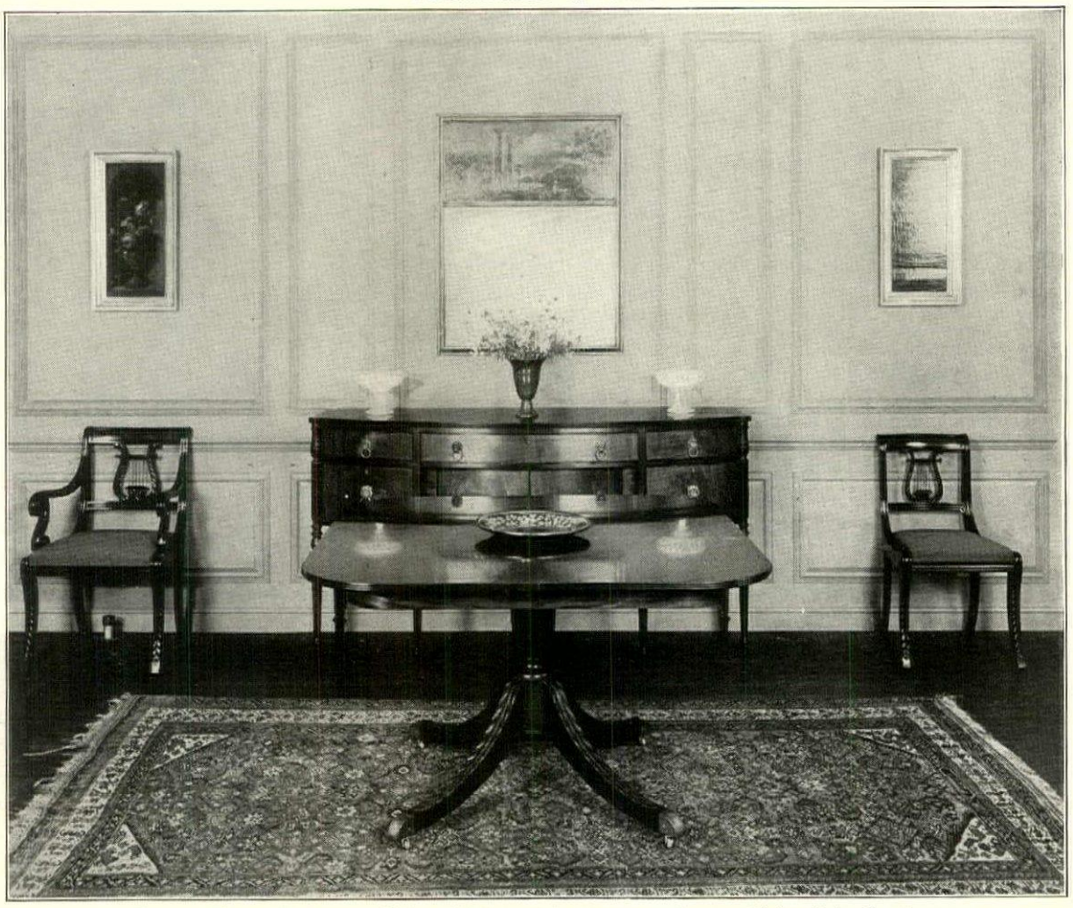
In connection with our Mid Summer Sale we have re-decorated our suite of model rooms, portions of which are shown in the photographs. They are rich with attractive suggestions for distinctive, home-like interiors. Our competent staff of experienced interior decorators is at your service. They will give you, without charge, expert assistance and advice on preparing your home for the fall and winter seasons.

R. H. Macy & Co. Inc.

34th ST. & BROADWAY NEW YORK CITY

KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK
FEBRUARY 1, 1924



Duncan Phyfe Mahogany Table and Chairs with American Sheraton Sideboard, by Kensington

WHILE Duncan Phyfe was undoubtedly influenced by Sheraton's Empire style, his work is notable for its individuality and distinctiveness. His early furniture is unsurpassed in grace of line and beauty of proportion, while his carving has a crispness and vitality reminiscent of Chippendale.

But aside from its intrinsic merit, Phyfe's furniture will always hold a secure place in our affections, for his style is instinct with the spirit of America and as we find it in the American home we sense its appropriateness as we do the houses of McIntyre in the streets of Salem.

Kensington reproductions are chosen from the finest examples available and not only reflect the spirit and character of the style with the utmost sincerity but also revive the traditions of craftsmanship with which Phyfe's name is associated.

Kensington Furniture is made in all the decorative styles appropriate for American homes

The purchase of Kensington furniture may be arranged through your decorator or furniture dealer

KENSINGTON MFG. COMPANY
MANUFACTURERS AND IMPORTERS
DECORATIVE FURNITURE ~ ART OBJECTS
NEW YORK

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

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What better time than now to get a beautiful Brambach?

NO HOME IS TOO SMALL TO HAVE ONE. People are amazed to learn that the Brambach is so compactly designed that it requires no more space than an upright piano.

But the moderate cost is even more of a revelation. An instrument by master craftsmen, with superlative tonal and artistic beauty. A Grand more than a century in development; one that will fit your home as comfortably as your purse.

At this time of year, dealers can make immediate deliveries. Later, their stocks may be less complete. So send the coupon now for a paper pattern showing the really small amount of floor-space the Brambach requires—and hear the piano at your dealer's.

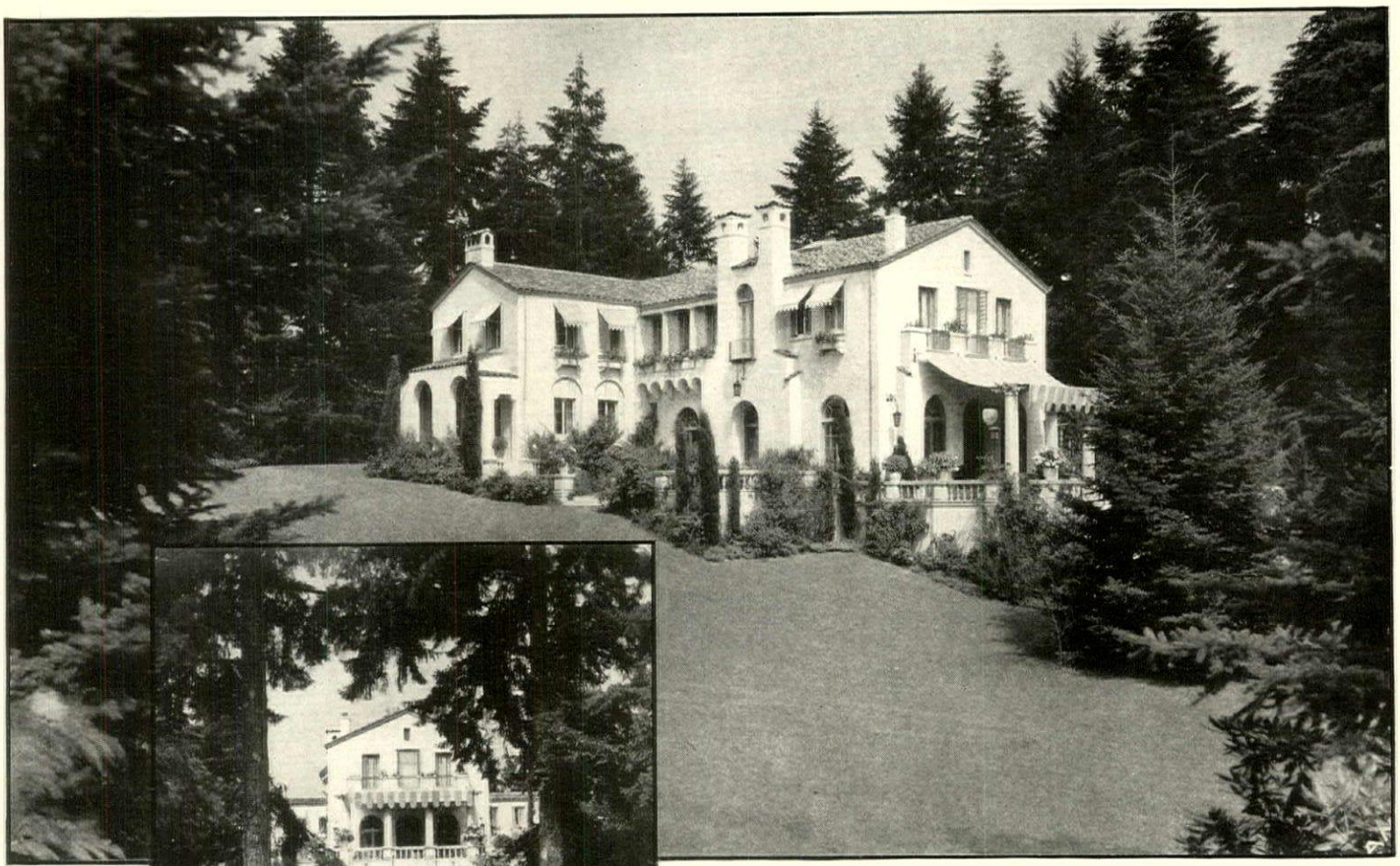
BRAMBACH
BABY GRAND
$635 *and up f.o.b. N.Y.*

BRAMBACH PIANO CO.
Mark P. Campbell, Pres.
645 W. 49th Street, N. Y. City

Please send me paper pattern showing size of the Brambach Baby Grand.

Name _____

Address _____



Residence of Mr. J. L. Carmen, Gravelly Lake, near Tacoma, Wash ington. Medusa Stainless White Cement Stucco on hollow tile. Mr. Kirtland Cutter, Spokane, Architect; Dawson & Dahlberg, Tacoma, General Contractors; stucco applied by Fred Stabbert, Tacoma. Medusa Cement supplied by Galbraith & Co., Seattle.

YOUR Architect can *truly* create—with Medusa Waterproofed White Portland Cement at his command. Here is an element so *versatile* that it lends strength and surpassing beauty to any home-building scheme—whatever the nature of the design and treatment, and whatever the amount of the investment.

Here, again, is an element so *permanent* that it literally provides its own upkeep. The *first* cost is virtually the *last*. Stucco homes of Medusa Waterproofed White Cement are free from destructive action by the elements. They are fire-*safe* and fire-*resisting*.

Stucco houses of Medusa Waterproofed White Cement have *dry walls that stay dry*. The Waterproofing that we grind into and through the cement repels moisture permanently. *"Medusa" is the only Waterproofed White Cement on the market.*

In addition, Medusa Waterproofed White Cement will prove invaluable in carrying out your whole landscaping plan. Use it in terraces, balustrades, fountains, pools, garden seats and other furniture; in ornamental trim, and in literally dozens of other important places.

Your Architect will help you plan unique and lastingly delightful effects with Medusa Waterproofed White Cement. Send us your name and his, and we will gladly mail each of you a copy of The Medusa Book, with our compliments.

THE SANDUSKY CEMENT COMPANY, Cleveland
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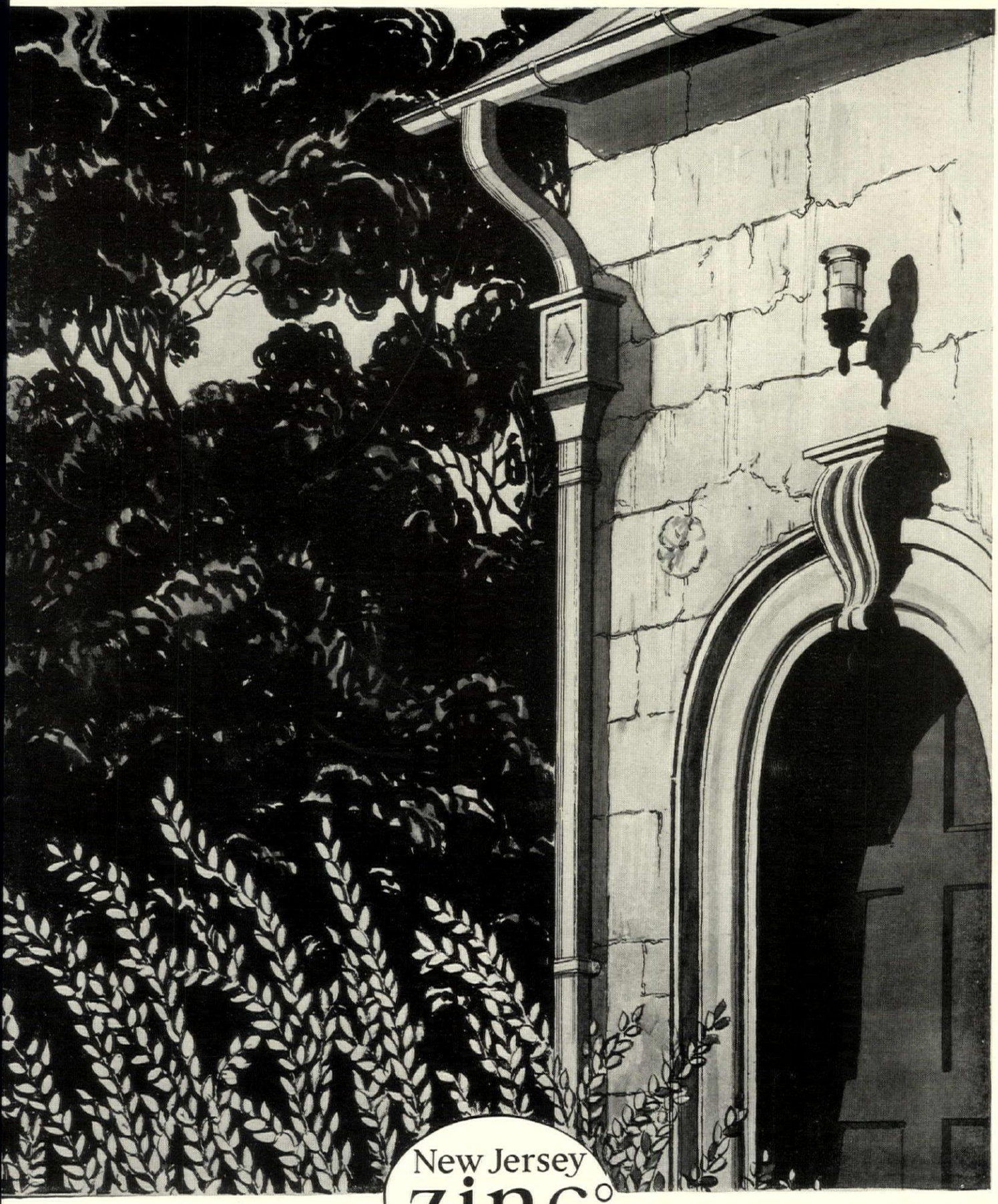
MEDUSA
WHITE CEMENT



New Jersey zinc

WHERE cost is the first consideration, conductor pipe, gutters, roofings, flashings and valleys of Horse Head Zinc should be the first choice.

There is no *more* durable metal. Its first cost is but half that of any *equally* durable metal. Its final cost is far less than that of any *less* durable metal.

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Established 1848

160 Front Street, New York City

CHICAGO · Mineral Point Zinc Company

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An Heritage of the Master Potter

"I CALL him the Great Wedgwood. That is the proper epithet for the greatest man who ever, in any age or any century, applied himself to the important work of uniting art and industry". William E. Gladstone.

Queensware, perfected by Josiah Wedgwood in 1761—his greatest contribution to the art of domestic pottery-making—has been in demand for more than one hundred and sixty years.

THE pattern shown—A6793 Floral—is by the English artist, Mr. J. C. Goodwin. A great variety of colors enter into the decoration which, being under glaze is, of course, permanent. The pieces are executed in Queen shape—originally modelled a century and a half ago. This pattern, which is eminently suitable for the country house, may be had in the stores in open stock. One may purchase the entire service or, if preferred, start a set with any number of pieces desired.

Our illustrated booklet "C" will be sent upon request

Mark on China

WEDGWOOD

Josiah Wedgwood & Sons, Inc.
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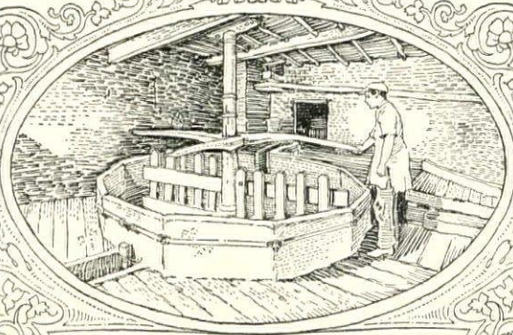
WHOLESALE ONLY
Potteries: Etruria, Stoke-on-Trent, England

Mark on Jasper, Basalt, Queen's Ware, Etc.
WEDGWOOD



An Old Mixing Vat, Etruria Potteries.

In Grand Rapids as in Bagdad

FOR centuries the ancient city of Bagdad has been renowned for the marvelous beauty of its Turkish rugs. Displayed in her quaint and sunny bazaars, or shipped by caravan to the rich cities of Europe, these exquisite, hand-wrought rugs have brought an enviable glory to the venerable city on the Tigris.

Damascus, Cluny, Venice, Amsterdam, Bagdad! All immortal because each has surpassed the rest of the world in the creation of superior merchandise.

And the story is not yet ended. For fifty years Grand Rapids —the world's furniture capital—has been steadily building a reputation as proud as that of her great predecessors.

Adhering as strictly to a noble ideal, equally jealous of her reputation, she has kept alive in America the fine old-world tradition of craft-skill and craft-pride.

Grand Rapids Furniture is superior for the same reason that Bagdad rugs are superior; it is created by artizans trained for years to do one thing supremely well, and who are proud to put the best they know into their handiwork.

ASSOCIATED FURNITURE MANUFACTURERS
OF GRAND RAPIDS, MICH.

Your dealer will be glad to show you his Grand Rapids Furniture. Look for this identification mark.

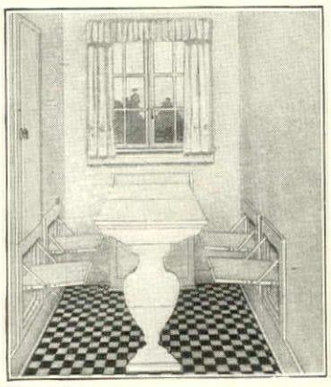
MADE IN
Grand Rapids

Grand Rapids Furniture

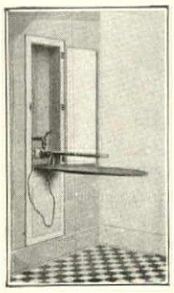
MADE ONLY IN GRAND RAPIDS

KITCHEN MAID

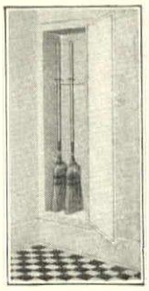
STANDARD KITCHEN UNITS



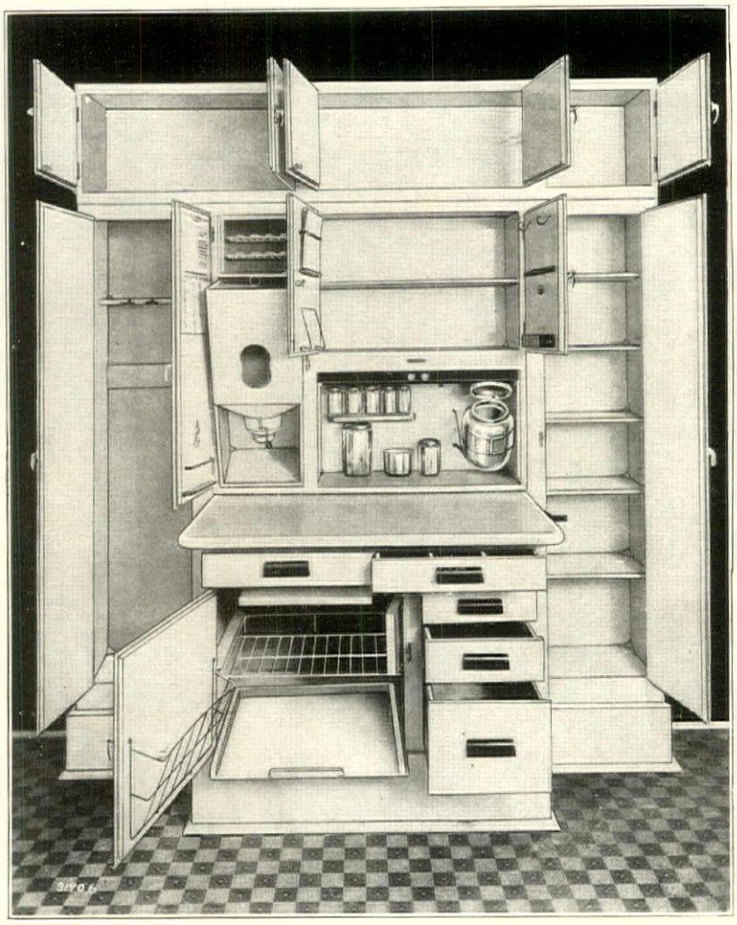
The Pulmanook can be installed with four chairs and table as shown above where space is available.



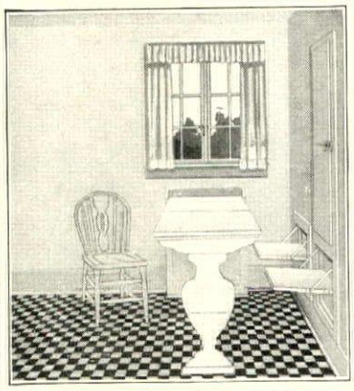
The Disappearing Ironing Board folds into the wall when not in use; supplied as a separate unit or as a part of the Pulmanook; can be installed in new or old homes.



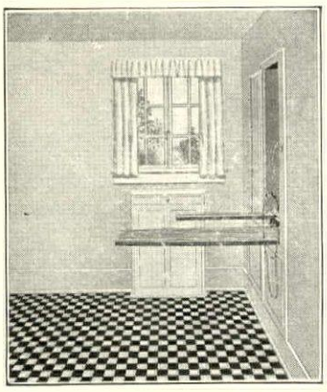
The Broom Closet can be built in or set in any kitchen. It keeps brooms, mops and other cleaning equipment out of the way.



Combination 1-X includes a Kitchen Maid cabinet with broom closet at one end, dish closet at other and closet for dishes and staple foods across the top.



The Pulmanook can be installed in any corner with disappearing table and two disappearing chairs, as shown above.



The Pulmanook closed showing space used for ironing, the ironing board folds away above one of the chairs when not in use.

How much time can your kitchen walls save you?

How far do you have to walk every time you want a broom? How far from your kitchen table are your dishes? How many steps does it take to get your ingredients together?

You could have all these articles in one wonderfully convenient place—grouped about a Kitchen Maid cabinet—in Units, especially built to contain all the things which are such a problem in the average kitchen.

Glance at the above picture. See the Broom Closet at the left, the Dish Cupboard at the right, the added units on top of the Kitchen Maid.

And remember, these units are built by fine cabinet-makers—beautiful, substantial, correct in size—for a cost no more than the cost of an old-fashioned cupboard.

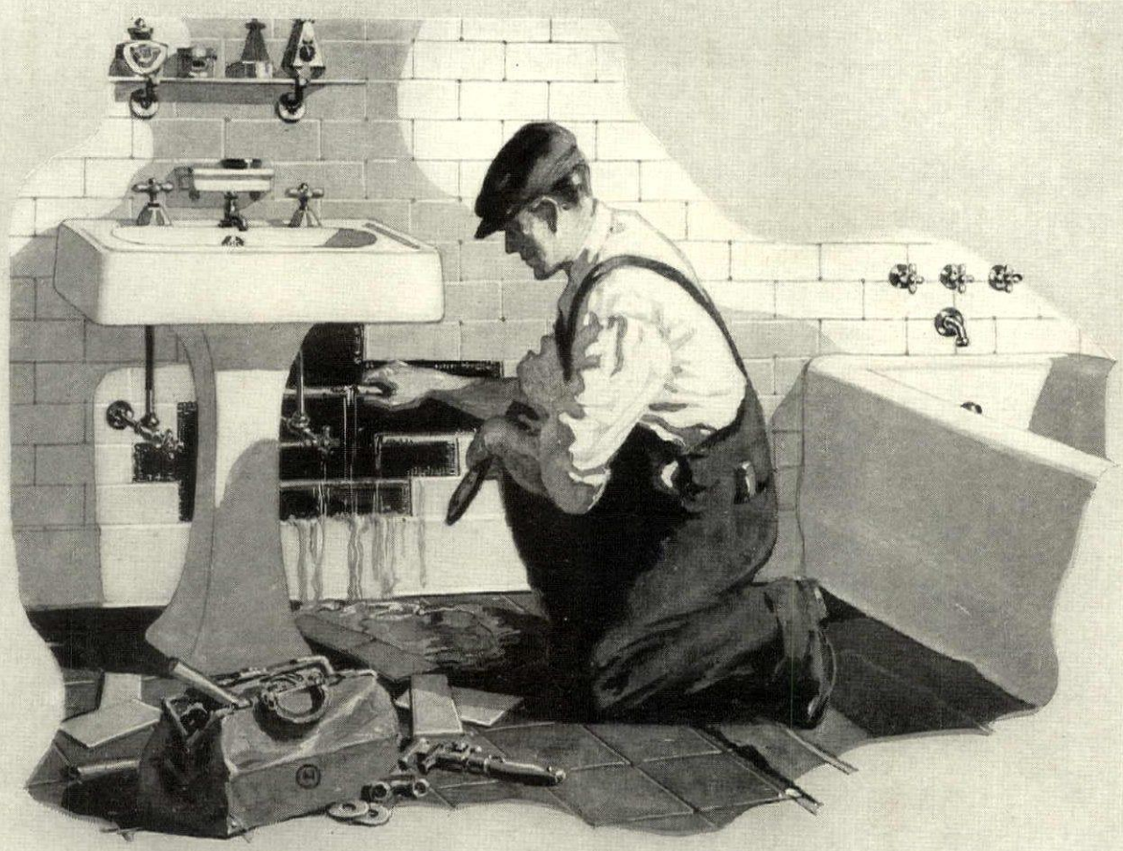
See them all—in our catalog. Write today.

WASMUTH-ENDICOTT COMPANY, 1280 Snowden St., *Andrews, Indiana*

"LET THE KITCHEN MAID BE YOUR KITCHEN AID"

KITCHEN MAID

STANDARD UNIT SYSTEMS



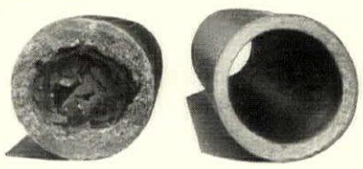
Anaconda Brass Pipe

would have saved this expense

To rip out rusted iron pipe and replace it may cost ten times as much as it did to install the pipe originally.

Why not install Anaconda Brass Pipe in the first place? It will not rust and leak nor clog with rust deposits. It will provide a full flow of clear, clean water as long as your house stands.

Yet Anaconda Brass Pipe adds only about $75 to the cost of a $15,000 residence.



Galvanized Iron Pipe *Anaconda Brass Pipe*
after four years of service

The two pieces of pipe illustrated were cut from cold water service lines installed side by side. After only four years the iron pipe is almost entirely clogged with rust and the outside surface is badly pitted. The Anaconda Brass Pipe is in excellent condition and will give perfect service for years to come.

Our booklet, "Ten Years Hence," contains complete information on the advantages of Brass Pipe. May we send you a copy?

THE AMERICAN BRASS COMPANY

GENERAL OFFICES: WATERBURY, CONNECTICUT

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ANACONDA
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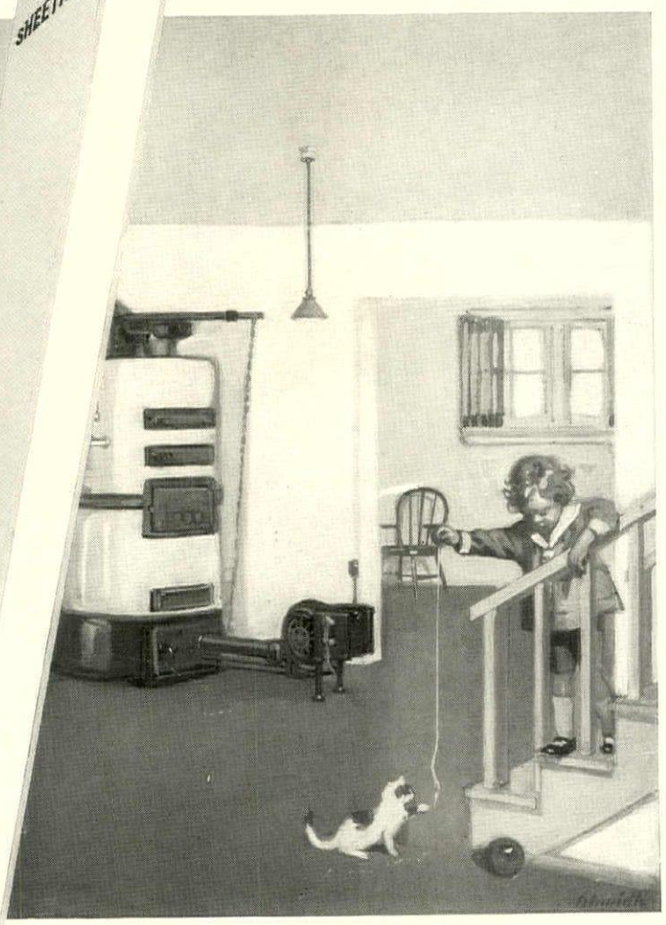
Between you and high fuel bill



THIS is the secret of comforting warmth in the coldest weather, at lowest fuel cost:

The basement that is walled and ceiled with Sheetrock, the *fireproof* wallboard, enables a good furnace to do a better job.

Sheetrock gives you the natural insulating qualities of solid gypsum rock. It seals the heat in and keeps the cold out. It makes thick, tight-jointed and permanent walls and ceilings, proof against cold and damp and fire.

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Sold by your dealer in lumber or builders' supplies. Made *only* by the United States Gypsum Company. Write for a sample and our free illustrated booklet, "Walls of Worth."

Sheetrock is inspected and approved by the Underwriters' Laboratories, Inc.

UNITED STATES GYPSUM COMPANY
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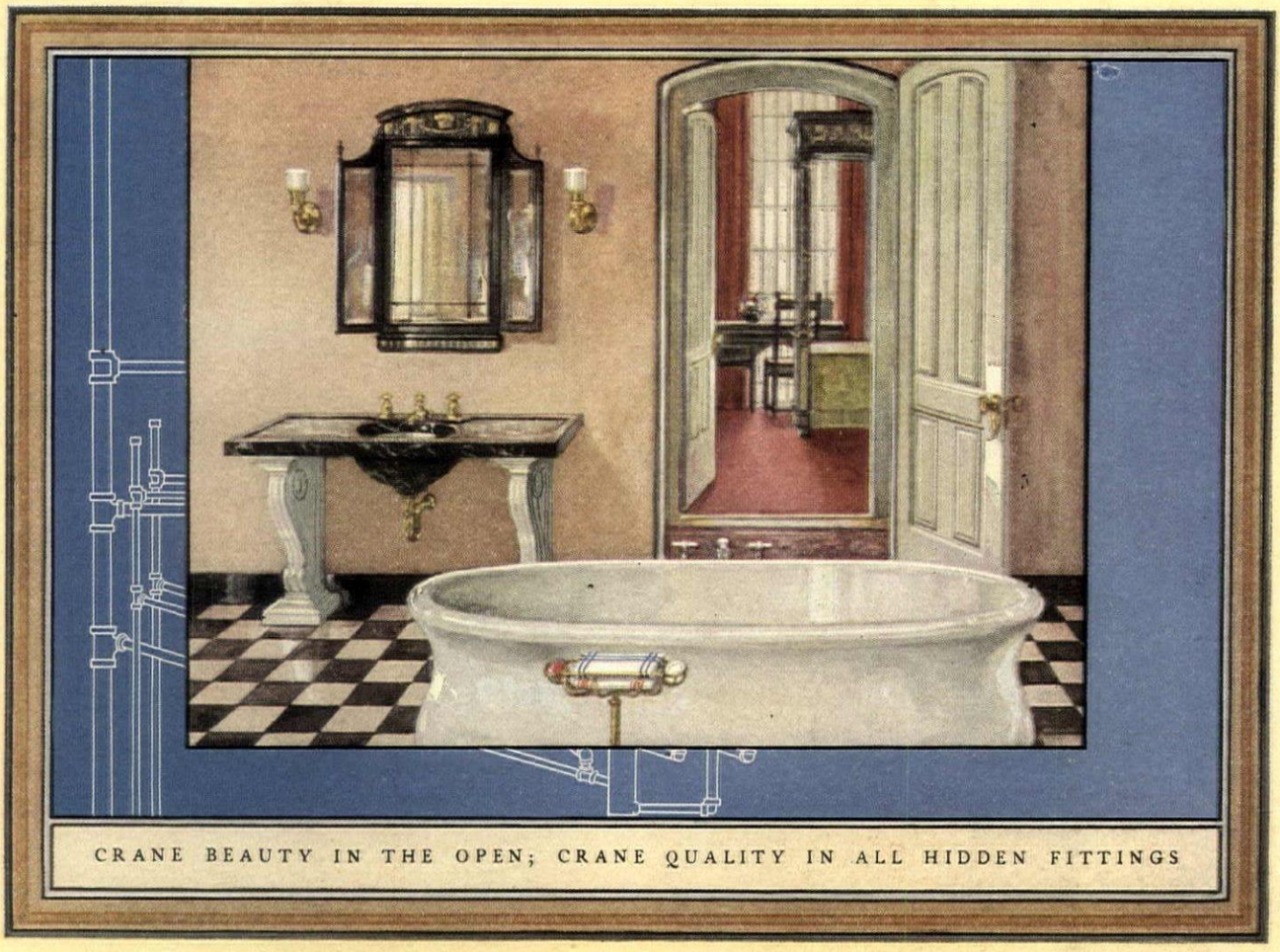
SHEETROCK

The *FIREPROOF* WALLBOARD

Reg. U. S. Pat



When you find the name CRANE on a valve, fitting or other hidden link in the plumbing or heating system of your home, it is your bond of faithful and lasting service.

The design and manufacture of these obscure units are governed by the same knowledge and thoughtful care which give to Crane bathroom and kitchen fixtures their *balanced* comfort, convenience, quality and charm.

For creating plumbing and heating essentials for simple or luxurious homes, Crane engineers have a fund of experience gained in supplying like necessities for countless fine residences, apartments, clubs and hotels.

With branches and offices in 145 cities to bring this knowledge and proved material within reach of home makers, Crane products are sold through contractors everywhere.

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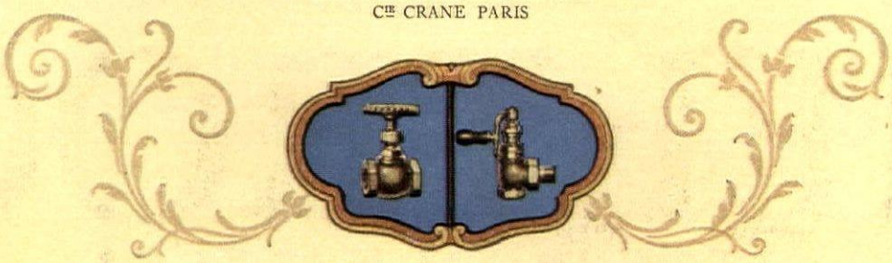

Globe Valve No. 1B Radiator Valve No. 231

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AFTER all, there's a *real* satisfaction in owning a Peerless. Owners very quickly discover that staunch, unfailing dependability which wins and holds their confidence and loyal affection. They know this same admirable performance is unfailing for thousands and thousands of miles. They have learned that the years do prove Peerless ability to endure. And so, whether it be the Eight or the Six, Peerless satisfaction is assured.

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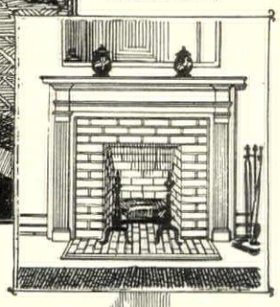
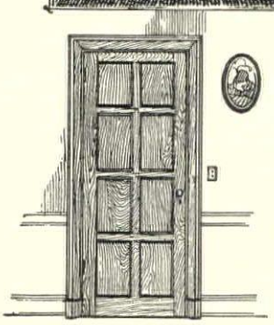
CURTIS WOODWORK

Window C-1024

Mantel C-617





Door C-305

Entrances *by* Curtis

Particularly adaptable to the Colonial type of home, entrance C-106 lends an air of dignity and beauty.

Paneled door (C-224) comes in two thicknesses with a choice of ovolo or flush molding.

This entrance comes to you complete ready for installation. The glass is double strength and the softwood used in construction resists warping.

The Curtis line includes many beautiful and convenient features for every room in the home. The nearest Curtis dealer will gladly show you how you can take advantage of Curtis Service.

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Before the door is opened

A BEAUTIFUL entrance is a promise of further beauties to be found within.

For fifty years and more Curtis entrances have added this final touch of character and beauty to homes all over the country.

From a multitude of designs by foremost architects Curtis has chosen several as being most appropriate for various types of homes. These designs have been standardized, making it possible for you to secure the proper one for your own home at a surprisingly small cost.

And Curtis standardization not only applies to design but to workmanship and materials as well. When you buy Curtis Woodwork you are getting the highest grade of selected lumber fashioned by none but skilled workmen.

Curtis Woodwork includes convenient and beautiful built-in features for every room in the home, as well as doors, windows, molding, stairs and trim.

And Curtis equipped homes actually cost no more than others where ordinary millwork is used.

The Curtis Companies Service Bureau
268 Curtis Building, Clinton, Iowa

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1866 CURTIS

Curtis Woodwork is sold by retail lumbermen east of the Rockies. The plans of the 5-6-7-8 room homes offered in the coupon were designed by Trowbridge & Ackerman, New York architects. These books include examples of Colonial, English, Western and Southern architecture.

The Curtis Companies Service Bureau
268 Curtis Bldg., Clinton, Iowa

Enclosed find ($). Please send me Plan Book on

☐ Bungalows ☐ 1½ and 2 story houses
☐ 5 room ☐ 6 room ☐ 7 room
☐ 8 room houses

Check books desired and enclose $1 for each.

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Read the INTERIOR DECORATION NUMBER

V O G U E

Dated August 1

WHEN Vogue thinks about interior decoration, Vogue is as multi-minded as a house party, as surprising as Paris, and as practical as—Vogue. Whether your present problem concerns a country house, a town house, or a smart little apartment the size of a cigarette-case, you'll find something about it in this next issue.

There's inspiration in a house decorated by Elsie de Wolfe, complete expression of the complicated personality that created it. A typical Park Avenue apartment follows—smart, correct, the last word. A done-over New York mansion of the earlier days, with the dignity of space, the restfulness of long lines. An estate at Celle-St.-Cloud, new-art to the door-knobs, exotic colours, shapes that never were until they crystallized on the spot, ingenious use of textiles. A villa near Venice, old-world, full of colour, altogether charming—just as it was in the eighteenth century.

Three pages of mirrors as used in decoration—an under-stairs mirror, a curved one for a niche, an outdoor mirror for the garden. How to lacquer—written from the real experience of an amateur. Four pages from the New York decorators, to which each has contributed a new idea. Little things you can buy for your house in the shops—from five to twenty-five dollars. . . . And, of course, clothes, and more clothes. Jewelry. Midseason things from Paris. And the loveliest dance frocks in New York. . . .

An education ... a divertissement ... a mental stimulus ... as good for your brain as for your hou

VOGUE

Greenwich, Conn.

CONDÉ NAST, *Publisher*
EDNA WOOLMAN CHASE, *Editor*
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New York C

Control *this* Crack

the Monarch Way and you save—*63 cents more per window per heating season than you can with any rib-type weather strip. Multiply this 63 cents by the number of windows in your home and you will readily appreciate the additional saving in your annual fuel cost effected by Monarch Interlocking Metal Weather Strips.

xtending all around each of your windows between the sh and frame and across the middle between the meeting rails is a crack 21 feet long and ⅛-inch wide—an pening equivalent to leaving every window in your ouse *permanently* raised one inch from the bottom.

old spots and cold air currents—rattling doors and indows—soiled drapes and wallpaper—all are the direct sult of cold air leaking through that ⅛-inch crack.

here is only one way to control it—*apply the right kind weather strips.*

eather strips of any kind will reduce this air infiltration some extent when first installed. But numerous tests ported by the American Society of Heating and Venti-ting Engineers at the instigation of the American stitute of Architects show that *Monarch Metal Weather rips,* Interlocking Type No. 400, give 58% greater otection than any other strip tested by the society.

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Less radiation is required for a new home and less coal is required to heat any home when windows and doors are equipped with Monarch Metal Weather Strips, Interlocking Type No. 400. And less radiation means a smaller heating plant and a lower fuel bill.

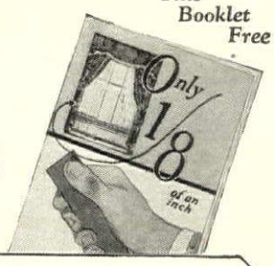
Free Booklet Tells How to Control That ⅛-Inch Crack

Every man who owns, or expects to own, his home—every woman who has ever experienced the annoyance and worry caused by dust, dirt, soot, smoke and draughts—every person who wants a cleaner, more comfortable home and a more healthful one—will find it well worth while to read our new booklet, "Only an Eighth of an Inch." Tells how to control that ⅛-inch crack around windows and doors, and how to save fuel. Sent without cost or obligation. Merely clip, fill in and mail the coupon.

MONARCH
METAL WEATHER STRIPS

INTERLOCKING TYPE
STANDARD CONTROL OF AIR INFILTRATION

This Booklet Free



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MONARCH METAL PRODUCTS COMPANY
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*See Journal of American Society of Heating and Ventilating Engineers for June 1924.

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The DAYTON Pump is built—like an automobile—according to correct engineering principles by the pioneer manufacturers of Automatic Water Systems. Eight features of superiority are built into every DAYTON, eight features that make the DAYTON stand out as one pump that will insure durability, long service and freedom from repair delay and expense.

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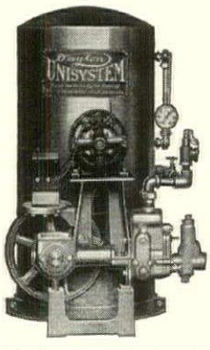

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Window Glass Within *the* HOME

Our new method of flattening gives our glass a wonderfully even surface, preserving meanwhile the brilliant lustre of the drawing process. Our glass is uniform in thickness and cuts perfectly on both sides.

Highest standard of quality is positively assured by our elliptical trade mark on every box of the genuine.

Build a permanent bookcase in library or living room. The average room provides plenty of opportunity.

But it should be a thing of beauty, as the use of the best window glass can make it.

The glass of the American Window Glass Company is notable for its lustrous surface. Against inner hangings of silk, satin,—even cotton, or undraped, it lends charm to any room.

Superior methods of drawing, blowing and flattening give our glass greater tensile strength, with less wave and consequently less distortion than any other glass. A good book deserves a good cover and fine bindings deserve a place back of the best glass.

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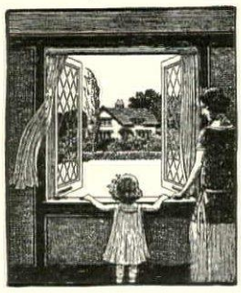
Win-Do

Casement Window Operators



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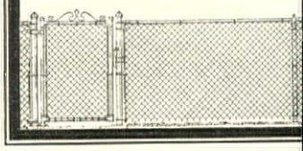

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Good news
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Now—modern oil heat
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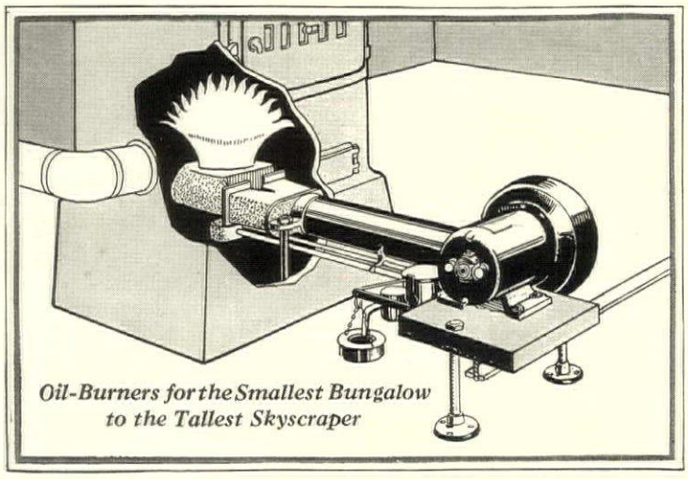
No more expensive coal piles—no wasteful, dirty ashes—no getting up at daybreak to start the furnace—mail the coupon NOW!

NOW comes a special oil-burner for small homes—at a new low price within reach of all. And terms so low you pay for it almost with what you save from coal.

Today oil has revolutionized the old problem of heating the house.

Oil banishes the uncertainty, the dirt and bother, of the coal furnace. And gives cleanliness and uniform heat all over the house, all the time. No coal to heave, no ashes to handle. *No soot and smoke.*



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Seven years ago we perfected Kleen-Heat, the oil-burner that goes right into your furnace. It was an instantaneous success. Today thousands of large homes and buildings are heated this way. We followed this with another type of oil-burner for different types of buildings. It, too, scored a tremendous success.

But the demand for an oil-burner for small homes—six and eight rooms, bungalows, two-apartment houses—was instantaneous. Small home owners asked us why we did not build an oil-burner they could use.

So Kleen-Heet engineers began designing and experimenting with a new-type oil-burner for YOU. And this is the result.

Terms to suit all

This new oil-burner has been installed in thousands of smaller homes. And users everywhere are loud in praise of it. So now, thoroughly proved and guaranteed, it is being offered at new low prices, with terms within the reach of all.

It will be installed for a small down payment and as low as $25 a month. You probably pay $15 a month for a furnace man, and $3 a month for ash removal. That's $18 a month. If you do this work yourself, surely your own time is just as valuable.

Fits Your Present Furnace

Install this new oil-burner NOW—Prices include installation.

Moderate Prices
Convenient, Liberal Terms

This you save—this $18 a month toward the $25 a month that buys this marvelous oil-burner. So for only about 25c a day actually, you can know the freedom and independence, the cleanliness and economy of oil.

Here's how it works

When cold weather begins, you set the thermostat in your living room to the temperature you wish to keep your house. The thermostat automatically controls the flow of oil into the oil-burner. And thus the temperature never varies all over the house, day or night.

If the weather turns warm, this new oil-burner automatically "banks" itself to maintain the temperature you want. If there is a cold snap, extra heat is supplied to counteract it. It does your thinking for you.

Doctors say that even, unvarying house heat is a most important health factor. That uneven heat, as caused by eccentric old-fashioned furnaces, is the common cause of winter ailments, colds, etc.

Now get the book—Send coupon for facts, TODAY

Now no more turning out at dawn to start the furnace for the day. No last minute trip to the basement at night. No fear of the fire dying while you're away from home. No more furnace work for your wife. You, too, can have this priceless convenience: reliable heat under all circumstances.

Now is the time to install this new oil burner. Now, while the coal bin is empty. Put the coal money into the down payment. Let the other payments come from savings.

Find out more about this new oil-burner. See it in our salesroom. Send the coupon for book on Oil Heating, and information about terms and prices.

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Automatic Oil Burning Systems

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Mail the coupon today—get the facts

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Without obligation, send your engineer to examine my present heating plant . . . . ☐

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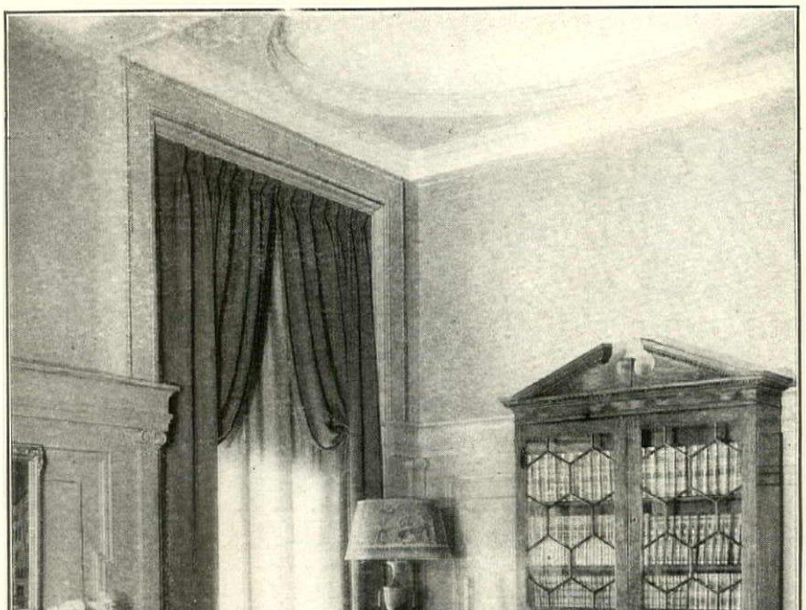


Condé Nast, Publisher
Richardson Wright, Editor
Heyworth Campbell, Art Director

Indoors!

Yes, and the outdoo
Whether you are plan
redecorate or build
nothing at all but si
and enjoy life, you're
to find much that's i
ing and beautiful in t
tember House & Gard

Autumn Furnishing Number

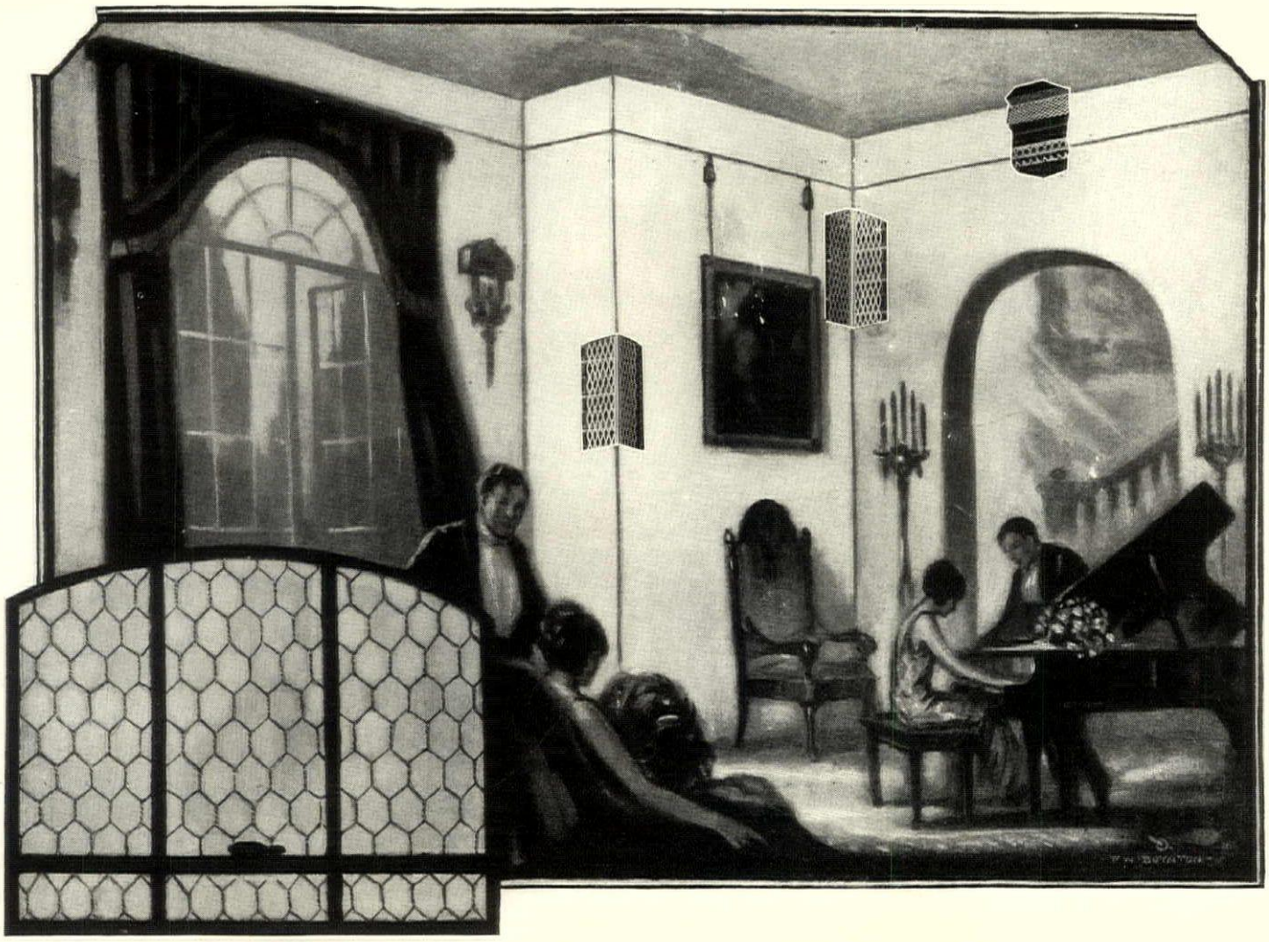
SEPTEMBER

House & Garden

OUR two staff decorators show, in the September Number, the living rooms of the four smaller houses presented in this issue. These charming interiors will give many suggestions, not only for decorating new homes, but also for redecorating old ones. The Glen Goulds tell about fabrics. There's an interesting article on color schemes, a page on linens, and two articles on furniture, log cabin furniture and a new English craft furniture. The subject of mirrors is treated in every detail, from the different types of mirrors—old and modern—to the handling and placing of them for unique artistic effects.

ALTHOUGH this is the Autumn Furnishing Num ber and will contain countless pointers on fur nishing and decorating rooms, the building of th house itself and the outdoors have not been neglected There's an interesting editorial on the passing of th village green, an article full of important suggestion and reasons for building in winter, a description of pink and lavender garden and how to have one, recom mendations for a beginner's green-house, and som valuable hints from Samuel Fraser on growing frui trees. . . . Two new houses will be shown. . . . An there'll be an article by "Chinese" Wilson.

Don't wait—go out and reserve that September House & Garden n



Just as Metal is Used to Reinforce Glass

—so Milcor Metal Lath and Expansion Metal Products Keep Plastered Walls Crackproof

ORDINARY plastered walls, like panes of ordinary glass, are brittle and easily broken. But glass, trussed with metal, becomes practically unbreakable and possesses valuable qualities of fire resistance.

In much the same way, Milcor Metal Lath as a base for plastered walls and ceilings and exterior stucco, makes the plaster or stucco unbreakable—crackproof and firesafe! The strains caused by impacts, vibrations, temperature and humidity-changes or foundation settling, will not crack plaster if it has Milcor lath embedded within its body.

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Through the network of metal the mortar oozes and curls into myriads of tenaciously gripping *fingers* or "keys". Every inch of the wall surface is securely locked to the supporting base.

Fire has a hard job breaking through such metal-reinforced walls. So great is the resistance of Milcor lathed walls to fire, that the Underwriters' Laboratories have given a full ***one hour rating*** to metal lath even when used over wooden studs.

Rats and mice cannot gnaw their way into the partitions of buildings made the Milcor-way. Walls built on Milcor Stay Rib or Netmesh Lath *remain* sanitary, beautiful, firesafe, sound-resistive.

Still this superior construction is economical. Find out about it. Our Brochure "Metallic Construction for the Modern Home" tells an interesting story in a non-technical manner which will enable you to discuss this subject intelligently with your Architect or Contractor.

MILWAUKEE CORRUGATING COMPANY
Milwaukee, Wis. Kansas City, Mo. La Crosse, Wis. Minneapolis, Minn.

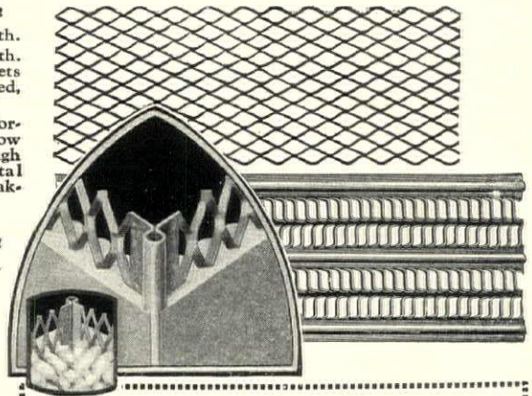
Code to Illustration

Top: Netmesh Metal Lath.

Below: Stay Rib Metal Lath. Both furnished in sheets 2x8 feet, quickly applied, saving labor.

Lower left: Expansion Corner Bead, showing how plaster "keys" through the expanded metal wings with an unbreakable grip.

Mail the Coupon or Card for Interesting Brochure.



MILCOR

STAYRIB METAL LATH

and Expansion Metal Products for Homes

Milwaukee Corrugating Co., Milwaukee, Wis.

Please send me the Brochure "Metallic Construction for the Modern Home". It is understood that this request will not obligate me in any way.

Name _____

Address _____

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SO EASY!—

to let footwork do housework with

HYGIA

It is so easy when your hands are occupied, to just step on the pedal and empty the waste.

HYGIA, snow white and with all moving parts heavily nickeled, harmonizes beautifully with the efficiency of the modern kitchen.

IMPORTANT:—HYGIA, sturdily built to last, is the finest quality can on the market.

Insist on this label. Like most good articles, **HYGIA** has been cheaply imitated. The genuine **HYGIA** has nickel plated thumb screw for detaching cover—and nickel plated pedal stamped **HYGIA.**

Obtainable at Department and House Furnishing stores. If your dealer cannot supply, we will ship direct, prepaid $6.50 (if West of Mississippi add 50c).

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INCORPORATED
140 Franklin Street
New York

MADE STRONG TO LAST LONG

The Modern Window Draping Fixtures of Quality

Kirsch Curtain Rods provide the instant answer to every draping problem. They'll fit all your windows; give exactly the effect you want; do it simply and easily, and you'll find them right in your community at your dealer's.

"Perfectly simple"—"Simply perfect"—tells the Kirsch story. Perfectly simple to put up and use—simply perfect in results attained.

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come single, double, triple; extension style or cut to length. The Kirsch flat shape gives sagless strength, insures erect headings, and neat effects.

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Book of Over 100 Window Draping Ideas
Many shown in colors. Full information as to materials, color schemes, rods, etc. Our eighth annual book—bigger and more valuable. Mailed free.

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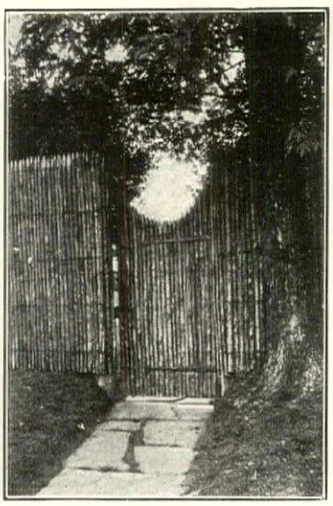
Kirsch Curtain Rods



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Perfectly Eas

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E-Z RADIATOR HANGER
YOU'LL USE 'EM YET!

E-Z Hangers support the radiator from the wall—off the floor—like the one shown here. The results: *Ample room for brush or cleaner without stooping,—No hot radiator legs to obstruct and leave dark spots on the floor,—Better looking radiators,—More floor space.*

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Why risk health or go without modern sanitary conveniences? You cannot afford to build a cesspool or adopt a home-made sewage tank when you can buy a complete outfit that one man can install in a few hours' time. *Transforms sewage into clear, colorless water at low cost.*

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Water Supply System

NOW $140

The No. 110 KEWANEE "Bungalow Model" costs no more than many water supply systems that try to imitate it. And KEWANEE, the *original* pressure water supply system, is backed by a quarter century of experience in building and installing private utilities for water supply, electric light and sewage disposal.

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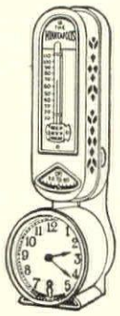
KEWANEE PRIVATE UTILITIES CO.
401 S. Franklin St., Kewanee, Ill.

KEWANEE

When Saving Means Luxury

Explained in this Free Book



Saving accompanied by greater luxury—saving without sacrifice or self-denial—paradoxical but true!

The booklet, "The Proper Operation of the Home Heating Plant" gives many simple rules for saving fuel. Tells how you can enjoy the luxury of comfortable, convenient, trouble-free heating and at the same time save money.

Get this authoritative book and read the rules relating to your particular type of heating system. Then turn to the section which tells you about the Minneapolis Heat Regulator. The "Minneapolis" can be quickly and easily installed on your heating plant. Every home needs it. Regulates the temperature automatically. Maintains any temperature desired. Opens dampers in the morning, closes them at night. Just set the indicator—the "Minneapolis" does the rest.

A luxury—a necessity—a fuel-saver. Booklet fully explains. Send for free copy today.

MINNEAPOLIS HEAT REGULATOR CO.
ESTABLISHED 1885
2790 Fourth Ave., So. Minneapolis, Minn.

Sold and installed by branch offices in principal cities and 20,000 heating contractors.

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EACH booklet shows the full line and tells the full story of the new Universal Cabinets.

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Architects' and Builders', ☐
Dealers', ☐
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Address.....

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one task less

SANI-FLUSH cleans the toilet bowl for you—and does it more thoroughly than you can by any other means.

Sani-Flush removes all stains and incrustations. It cleans the hidden, unhealthful trap—makes it sanitary—destroys all foul odors.

Simply sprinkle a little Sani-Flush into the bowl—follow directions on the can—and flush. It will not harm plumbing connections. Always keep a can handy.

Buy Sani-Flush at your grocery, drug or hardware store, or send 25c for a full-size can.

THE HYGIENIC PRODUCTS CO.
Canton, Ohio

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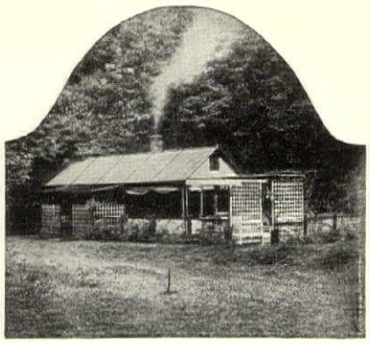
Reg. U.S. Pat. Off.
Cleans Closet Bowls Without Scouring



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"Easy to Erect"

Hodgson Portable Houses are shipped in finished sections all ready to erect. The smaller houses can be set up in a few hours with unskilled labor.

Hodgson Houses are sturdy and weather-proof. The walls and roofs are made of selected red cedar, "the wood of the ages," backed with heavy fibre lining.

There are Hodgson Houses for every purpose. Send for beautifully illustrated catalog G. It shows many actual photographs of Hodgson Houses. Also garages, dog kennels, poultry-houses, play houses, etc.

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Do you sweep and sweep and still have a dusty cement floor in your basement?

Then you are wearing your floor away besides making conditions worse every day. Fortunately an efficient remedy has been discovered in Hard-n-tyte

This marvelous and harmless chemical, when dissolved in water and mopped over the floor, hardens the surface and makes it literally polish with wear.

Enough to cover 400 square feet sent parcel post prepaid with instructions for $7.50 check or money order. Money refunded if you are not satisfied.

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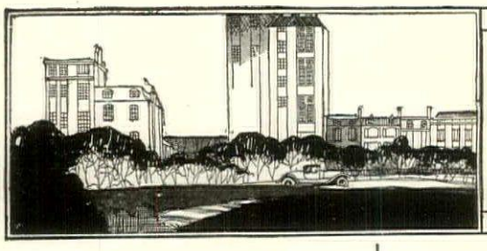

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The Magnificent

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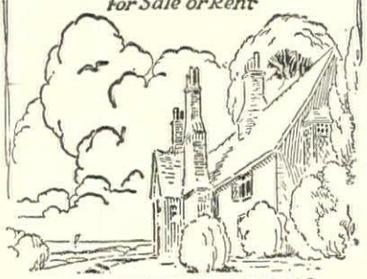
COTTAGES
FARMS
For Sale or Rent



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One quarter mile lake frontage, giving room for other houses besides owner's residence if desired.

Unusually productive farm of 80 acres; 10 Acres of Woods

This place, instead of being a financial burden, yields a steady income. A strictly honest, competent farmer, five years with present owner and desirous of remaining with new owner.

Wonderfully healthful, invigorating climate, ideal for children. Nine miles from Auburn, 33 miles from Syracuse. Improved roads. Fifteen minutes from two country clubs.

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Centrally located on large plot, in restricted protected neighborhood, surrounded by magnifi old trees and most effectively landscaped. 5 ma bedrooms. 2 servant bedrooms. 2 master ba Servants' bath. Exceptionally large living r with fireplace; library with fireplace; sun po billiard room. Attached garage with quarters. conveniences. Owner moved south. Any reason offer considered.

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Grapes
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Excellent Gardens
Beautiful Lawn

Situated on Historic Hampton Roads, just around the bend from where the Monitor and Merrimac fought; opposite the mouth of River James, a modern house surrounded by fruit trees, grape vines, and roses which bloom ten months of the year.

Riparian rights give several acres of water in front, the lot being 81.8 x 950 feet. It fronts on Norfolk Harbor, the largest and finest in the World. Fifteen minutes from Main Street, Norfolk, Va., and twelve hours—one night's ride—from Broadway. Ocean liners make the trip by sea several times each week. The Washington and Baltimore night service is famous the World over. A Mecca for fishermen and hunters—the Heaven of the GOLFER. Beautiful Country Club within five minutes' drive.

Norfolk Harbor is destined to dominate the World. This property is situated in the center of the only privately owned water front on the Harbor. Ideal for summer and winter home, and bound to be worth many times the present price in ten or fifteen years. For price and terms

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POCONO MOUNTAINS
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Has been used as a first class summer boarding place for 16 years. Excellent for a sanitarium. All modern conveniences. Reasonably priced.

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bargain! *$18,500*
odern 100 acre farm

on main highway to White Mountains
Land—100 acres consisting of orchards, meadowland and woodland.
Buildings—One 9 room house—3 baths, two of which are thoroughly modern one with shower. Electric stove in kitchen. Vapor system heating plant. Large heated hen house. Large barn also modern 3 car heated stucco garage.
Adjacent to this house is a smaller 6 room house with modern bath and furnace heated, suitable quarters for help. New wagon shed corn crib and ice house.
Water supply is constant furnished by a specially drilled artesian well operated electrically.
Situation—On main highway to White Mountains, 3 miles outside the town proper of Greenfield. At the price of $18500 it is a sacrifice same being only the cost of land and improvements. If I were not in such a hurry to dispose of it I should ask a higher price. Address
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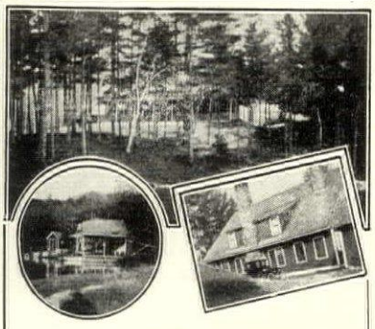

PINE POINT
Beautiful Adirondack Estate
For Sale At Sacrifice

Choice site on State Road between Lake George, Saranac and Malone, near Deerlands, N. Y., 40½ acres, 800 feet lake front, deeply wooded. Large 10 room house, completely furnished, 2 baths, 2 fireplaces, mezzanine floor and balcony; maids' cottage, laundry, two car garage and chauffeurs' quarters, spring house, summer house, boat house, fully equipped, dock, canoe and motorboat. Splendid summer home or boys' or girls' camp. Buildings cost $30,000 without land.

THIS PROPERTY MUST BE SOLD
ANY REASONABLE OFFER WILL BE CONSIDERED

For further information address
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Attractive House for Sale at East Gloucester, Massachusetts

Situated on the moors, on elevated ground a short distance back from the shore with considerable grounds and a fine view of both sea and harbor. The house is built of stucco with half timber work and has 5 master bedrooms, 4 maids' rooms, 3 baths, children's playroom, living room, dining room, sun porch, kitchen, maid's dining room, butler's pantry, laundry and garage. Across one side of the house is a large stone terrace shaded with awnings from which one can see both ocean and harbor. The house has electric light, 3 open fireplaces and a furnace with hot water heating. The house is attractively furnished throughout and is particularly adapted for children. It will be sold either furnished or unfurnished.

Price upon application: address either *MRS. A. D. MACK, 122 Washington Street, Gloucester, Mass. or Rev. M. W. JACOBUS, 39 Woodland St., Hartford, Conn.*

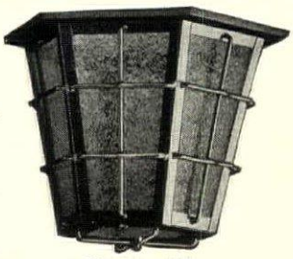

Fig. No. 417

Fig. No. NB 465

Outdoor Lighting That Is Decorative

Home builders today are seeking more and better outdoor lighting and are using the modern lantern such as you see illustrated here.

The change is logical. The different styles and designs permit free range to one's individuality of taste and assure fidelity to architectural harmony. The lanterns, especially the better grade ones, are extremely durable and decidedly a more economical investment. Then, too, more and better light is always appreciated.

Novelty All Copper Lanterns

as their name indicates are made entirely of copper and are sturdily designed. Our range of designs is extraordinarily wide and every one is an advanced style for we are constantly developing new designs to harmonize with change in architectural designs. You can always be sure of modern and durable lanterns when you select Novelty All Copper lanterns. Identified by the copper seal attached to each one.

NOVELTY ALL COPPER LANTERNS
ONLY GENUINE NOVELTY ALL COPPER LANTERNS CARRY THIS EMBLEM—NOT GENUINE IF SEAL IS BROKEN

Helpful Suggestions Sent Free

We have just issued a folder entitled "Light Outdoors" illustrated in color and which gives helpful suggestions for attractive exterior lighting. A copy will be sent free if you will write for it. Address

NOVELTY LAMP & SHADE COMPANY
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Thousands of country estates, game preserves, model farms, public and private grounds, all over the nation, attest to the endurance of Fiske Climb-Proof Chain Link Fences.

Fiske fence posts, set deep in concrete, cannot rust at the ground, and the wire fabric is galvanized *after*, not before, it is woven, thus making it absolutely rust proof.

This fence, because of Fiske special construction, is climb proof.

We contract either to do the installation work or to furnish plans and blueprints with full erecting instructions.

Send for Fiske Catalog 18
Mention items interested in

No. 332—Fiske Garden Chair; in Apple Green. Hand wrought garden table to match.

Fiske also Makes
Andirons, Aquaria, Bronze Tablets, Fencing, Fountains, Garden Furniture, Lamp Posts, Lighting Brackets, Road Boxes, Rose Arches, Spiral Stairs, Stable Fittings, Sun Dials, Tennis Court Enclosures, Tree Guards, Weather Vanes, Walk Boxes

Write for Catalog 18
Check off items above that you are interested in.

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ORNAMENTAL IRON WORK
80 Park Place ~ New York
ESTABLISHED 1858

THE CONDÉ NAST TRAVEL BUREAU

NEW YORK

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is to have *lived* in New York

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BROADWAY, 44th and 45th Streets

where you are in the very center of the City's brilliant, pulsating life and breathe its sparkling atmosphere.

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Midway between Fifth Ave. and Broadway

An hotel of quiet dignity, having the atmosphere and appointments of a well-conditioned home. Much favored by women traveling without escort. 3 minutes walk to 40 theatres and all best shops. Rates and booklets on application.

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The Ritz-Carlton Hotel

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AMERICA'S SMARTEST RESORT HOTEL

Famous for its perfect cuisine and service

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THE RITZ-CARLTON

Continental atmosphere. Rooms, cuisine and service of supreme excellence. In the center of the Fashionable as well as business life.

Under the direction of
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Hotel Colorado

Glenwood Springs, Colorado

Golf, Tennis, Bathing, Horseback Riding, Fishing, Hunting, Cuisine and service very best. Early reservations advisable.

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ELMER E. LUCAS, Manager

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which offer you complete hospitality in that atmosphere of intelligent comfort which has made the homes of the Back Bay famous.

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European Plan—Service, Comfort

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EVERY RECREATIONAL FACILITY
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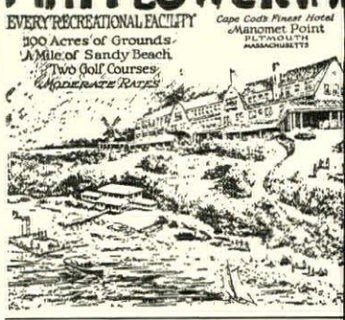

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25 West 44th St., New York City

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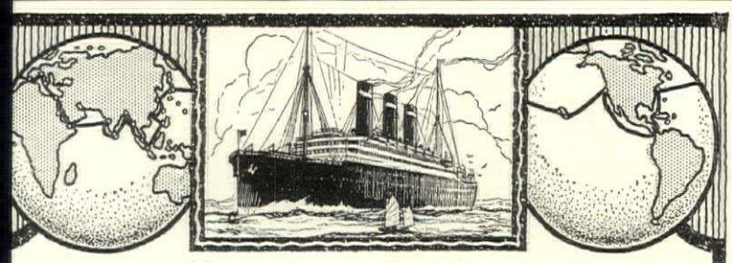

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Belgenland (new) 27,200 tons — cruising 28,310 miles—visiting 14 countries—60 cities. Westward Sailings — to meet the most agreeable climate in tropical lands.

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From San Francisco, Dec. 23rd.

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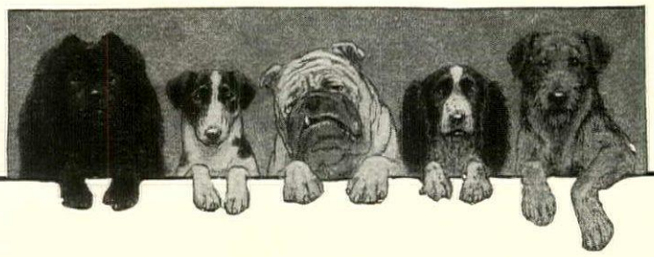

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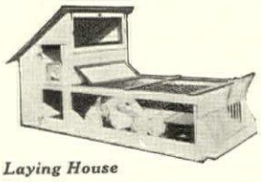

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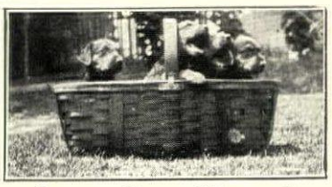

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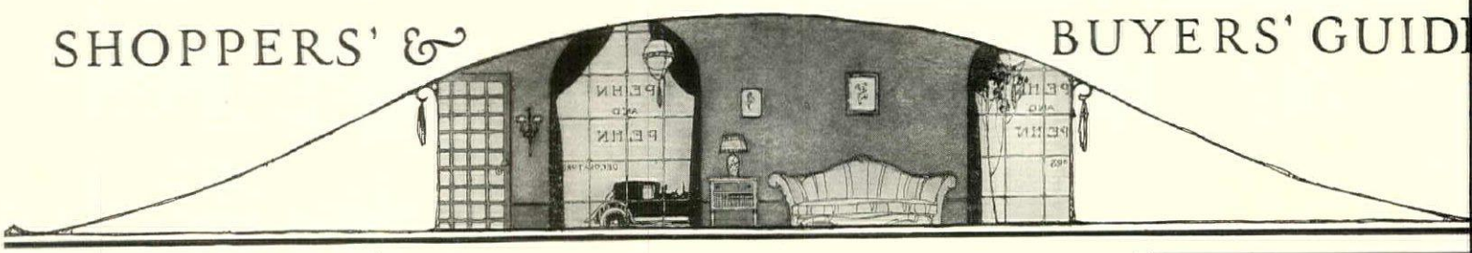

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THE SHOPPERS' AND BUYERS' GUIDE

House & Garden 19 W. 44th St. New York

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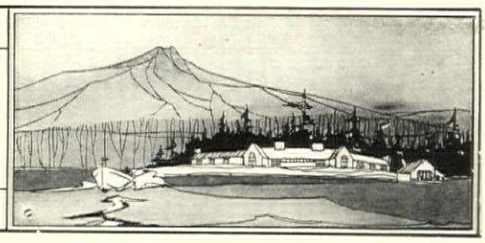

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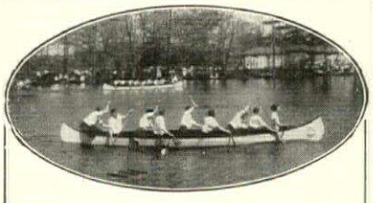

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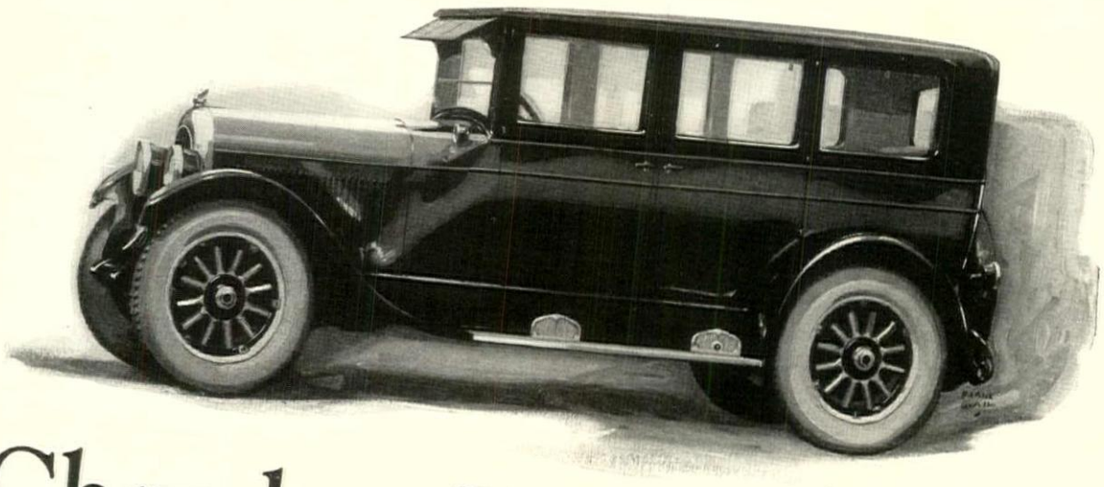

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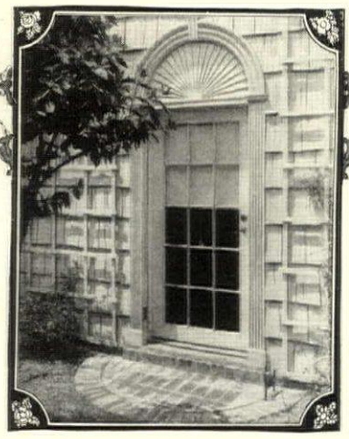

The French door, with its graceful, shell-like fan piece, will be in the September issue

HARDLY a day goes by in the HOUSE & GARDEN office without an appeal for advice from some new and unexpected source. Today there was one from the field director of a large moving-picture corporation, who telephoned to know where he might find in the East a house that would provide an authentic setting for a picture with a story laid about a villa on the shores of Lake Como. We told him of just such a house, not far from New York, done in the architecture of the Italian Renaissance, with balustraded terraces dropping from its box-lined garden to a fine sheet of inland water. Soon, very likely, it will appear upon the screen, wrapped in a glamorous romance, and how many of the audience will sigh for the lack of such lovely buildings in this country. We are for having the audience believe really that this is Como, that these are the olive, white and indigo shores of that enchanted lake—not Illinois. Of course, our reason for wishing this is not exactly the romantic one, however much we regret the growing lack of faith in the screen's illusions; but it is simply that we know how very pleasant is the disillusionment which comes with the subsequent finding of such a castle in Spain in the pages of HOUSE & GARDEN, the discovery that here is a perfectly tangible house, its floor plans, its interiors, its gardens, and its architect—who is no doubt available for something a little smaller.

As a matter of fact that process, or something similar, goes on continually within the magazine itself. From page to page is like the swing of a pendulum; not from illusionment to disillusionment, but from the inspirational to the practical. Many houses and gardens and rooms are shown simply and solely for their utter loveliness. These may be old or modern, foreign or native; our only requirement is that they be beautiful. With things of this kind we are concerned almost altogether with the ideal they represent. At least, that was the feeling we had about them until the other day, when we made the same remark to a friend. He told us that he had paid particular attention to the captions under pictures of that sort, and that while we may have been thinking only of the esthetic side of these particular subjects we had actually written about them in such a way that the reader, consciously or unconsciously, learned just how this beauty had been accomplished.

The same thing happens when the pendulum swings to the practical side. Hardly any detail of a house or garden can be considered entirely from the practical point of view; somewhere a note of ecstacy is bound to creep in. But at any rate there are the two extremes. One plays into the hands of the other. And it is with keeping the proper balance of practical and inspirational that we are chiefly concerned. When we find HOUSE & GARDEN being confidently looked upon as an authority from both angles; when we find it being called upon many times daily to render a decision on matters of taste in design, and explain such things as the advantages of certain types of plumbing and how to raise Chrysanthemums from seed, then we know that we have found the right mixture.

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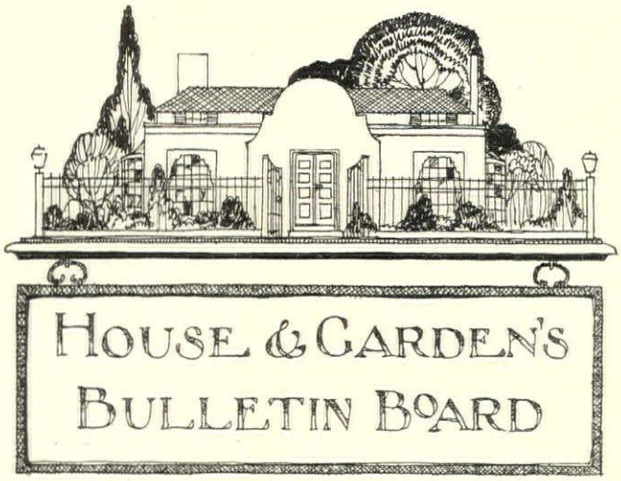


WE are thinking in terms of autumn—even now when summer has scarcely commenced nd the Peonies have just started to burst. But ve have to think months ahead, else the magazine vould never come out. There's that Smaller Iouse series, for example. The living rooms of he four houses will be shown in the September Autumn Furnishing Number. For weeks our wo staff decorators have been combing the shops, earching out fabrics, rugs, wall paper and furiture with which to make these living rooms ivable. One is being done in the Spanish style, or the house is reminiscent of Spanish architecure. Another, in the house of Georgian antedents, is furnished in the taste of the 18th Century English. The house of French feeling will have a living room that recalls Normandy nd the half-timber house a room in which sturdy acobean pieces are used. Nine pages will be evoted to these living rooms. We are not sacricing good taste to price in creating these rooms, or are we making them so expensive as to be rohibitive. They are the kind of rooms that re lived in by the kind of people who read IOUSE & GARDEN.

IN addition to these four living rooms, you will find in this September issue a fascinating study n the use of mirrors, suggestions for color chemes in the small house, a page of flat silver, page of new and interesting fabrics, a report of ome new English furniture and an instructive rticle on making furniture for log cabins. The ittle Portfolio will show, among other rooms, our created by Elsie Cobb Wilson.

For the builder there will be shown two small ouses, one of them a gem of a Colonial design y Treanor & Fatio, architects, and C. F. Houson will discuss the advantages of building in vinter.

The garden lover finds her interests quickened y the article on a beginner's greenhouse, by the ink and lavender garden, by the discussion on vhat makes a fruit tree fruitful and by "Chinese" Vilson's contribution.

These are a few of the pages we are looking t now and at which you will look when this eptember Autumn Furnishing Number reaches our house.

AT this season of the year, when the humid and unbearable dog days of August descend upon us, every reader of HOUSE & GARDEN, every one who has a country place, and every one who can afford to, should see that at least one poor city child is given a vacation in the country. Ten days or two weeks in the sunshine and clear air of the fields will not only strengthen the body but instil in the minds and hearts of such city children a love for the countryside.

We noticed that a certain important insurance company—the Metropolitan Life, to be exact—devoted its magazine advertising space this past month to just such an appeal for city children. Idealism of this sort will raise the standards of business in America.

WHY is it that nine dogs out of ten take to motoring like the proverbial duck to water? Some, we are convinced, motor because they are bored with life, like their mistresses (witness the haughty Pekingese which passed us on the Avenue this morning, quite alone on the rear seat of a glittering limousine manned by chauffeur and footman in plum-colored livery). But the rest—the real dogs with noses to smell with instead of to tilt, and eyes that are quicker to spot a rat than a chocolate cream?

There will come a swift succession of cows and chickens and skimming swallows, they know, when the city is left behind and the ribbon road unwinds across the hills. Fresh breezes will stream by, laden with vibrant scents. Farm dogs will bark, children play in the orchards, horses cavort skittishly beyond pasture fences. Everywhere will be movement, exhilaration, change.

Yes, these must be the lure of motoring. For the real dog is a creature of active, pulsing life and he welcomes thrills.

THE prize of $100 offered by a friend of HOUSE & GARDEN was won by Miss Minnie Ebbersol, of Stanton, Texas, for her article, "The Proper Use of Native Plants in the Garden."

IN the May issue the Glen Goulds, writing of imitation silks, applied to it the name then currently used—Glos. But keeping up with the official names of imitation silk is as difficult as keeping up with radio improvements. This cellulose fibre product has been called Artificial Silk, Fibre Silk, Art Silk, Silk, Gloss—and now the Retail Drygoods Association has adopted a name that it hopes will be satisfactory, adequate and will be generally used—Rayon. Use this term in asking for it at your store.

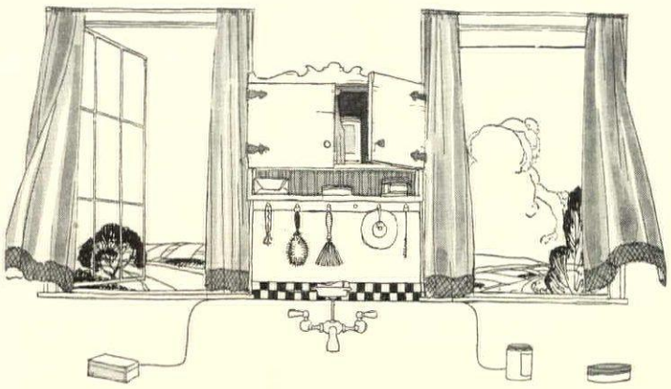
Apropos of this, let us repeat a warning we published on the Bulletin Board over a year ago. Do not be deceived by the phrase "imported design". When you are told that such-and-such a fabric is an "imported design", the phrase generally means that the design was imported; the fabric itself, however, was made here in this country. "Imported designs" often command more attention and bigger prices than "domestic", because the purchaser thinks she is getting a fabric imported from France or England. But why make a fetish of imported goods? Do we not make just as good silks, velvets, mohairs in this country? Do we not actually manufacture the "imported designs"?

WHEN Ellwanger wrote his famous book, "The Pleasures of the Table", we thought the last word had been spoken on the gastronomic arts. Although that book was published years ago, it still serves to delight and guide those who enjoy good food and want to know the history of it. Now comes our friend Henry T. Finck with his "Food and Flavor". It bears the subtitle of "A Gastronomic Guide to Health and Good Living". Mr. Finck will be remembered as the musical critic of the *New York Evening Post* for four decades and as an author on the pleasures of growing flowers. Some of his papers on the latter subject have appeared in HOUSE & GARDEN. "Food and Flavor" (a volume of over six hundred pages delightfully illustrated) is one of the most enjoyable books we've encountered in a long time. It will be despised by dyspeptic heretics and thoroughly relished by those good, sane orthodox folks to whom food means more than merely three meals a day.

Gillies

OUTSIDE THE FRONT DOOR

A fine effect of ruggedness has been given this entrance façade by the use of thoughtfully selected materials. The bricks, for instance, whose uneveness in shape gives such splendid texture and vibrancy to the wall are culls—bricks that have been thrown aside at the yard as imperfect; the lintel is a great oaken beam; the casement sash and door are fashioned of stained oak. A view is shown on page 47 of the room within. Mrs. Grace M. Burnham, Great Neck, Long Island, N. Y., is the owner and Frank J. Forster, was the architect



IDEAL SMALLER HOMES

The Kitchens of House & Garden's Own Four Houses Are Described in Detail as to Their Planning, Equipping and Decorating

ETHEL R. PEYSER

IF, as was said in the July HOUSE & GARDEN, the "moderately small house has been architecture's step child," most assuredly then has the kitchen been the step child of the small house. For some reason or other, the kitchen, though the mainstay of the home, is rather relegated to the post-thought rather than the pre-thought, and therefore the arrangement, so serious to proper culinary performance, has to adapt itself to the plan, rather than the plan adjusting itself to the needs of the culinary usage. Some day, we hope that a kitchen engineer will be used for every plan developed for a dwelling, before the rest of the house is built.

In the June issue the sites of the four Ideal Smaller Homes were presented, in July the houses themselves, and now, with the kitchens, begin the interiors. In September will come the living rooms

In these four delightful kitchens we are going to give you only the main installations and not go into the napery, cutlery and various bits of equipment that will come either as your needs dictate or your taste decrees.

These kitchens are conveniently small. When we say that, we mean it, for the large kitchen necessitates many extra footsteps, much extra cleaning, and means that centering effort is a larger task than is consistent with the life of today.

You will see many lovely things outlined in these plans and drawings and yet you will think that many things have been left out. Necessarily they have been omitted, not because we think them unimportant nor because the architect has neglected them, but because they would lose value in diagrams of these dimensions.

For example, there are no small hanging chests pictured or cutlery racks etc., yet we think that the wall closet is a comfort for housing cloths, powders, and other things, wherever possible. These are invaluable when put over the sink, or near the spot where processes demanding these comforts take place.

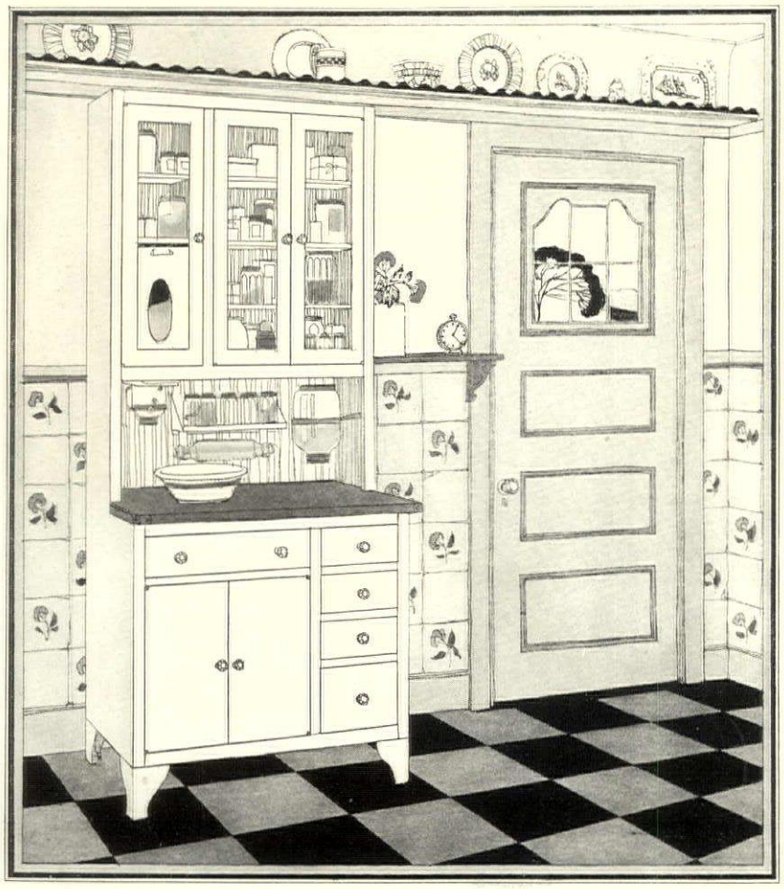
These houses are designed with built-in closets, cupboards and the like. But you can, if you desire, purchase the manufactured kitchen cabinets, in enameled wood or steel, which come in every imaginable shape and form to fit every emergency. When you do this you can have them "planted" so as to be as secure and free from caprice as a California Redwood. Then again, if you want them built in, you can but command your architect and builder.

The main thing in these kitchens is to have the best type of arteries! In other words, the plumbing and the electric wiring should be adequate. These houses are veined with brass pipes that withstand the ravages of rust and other corruptions, so you will not be led into constant trouble.

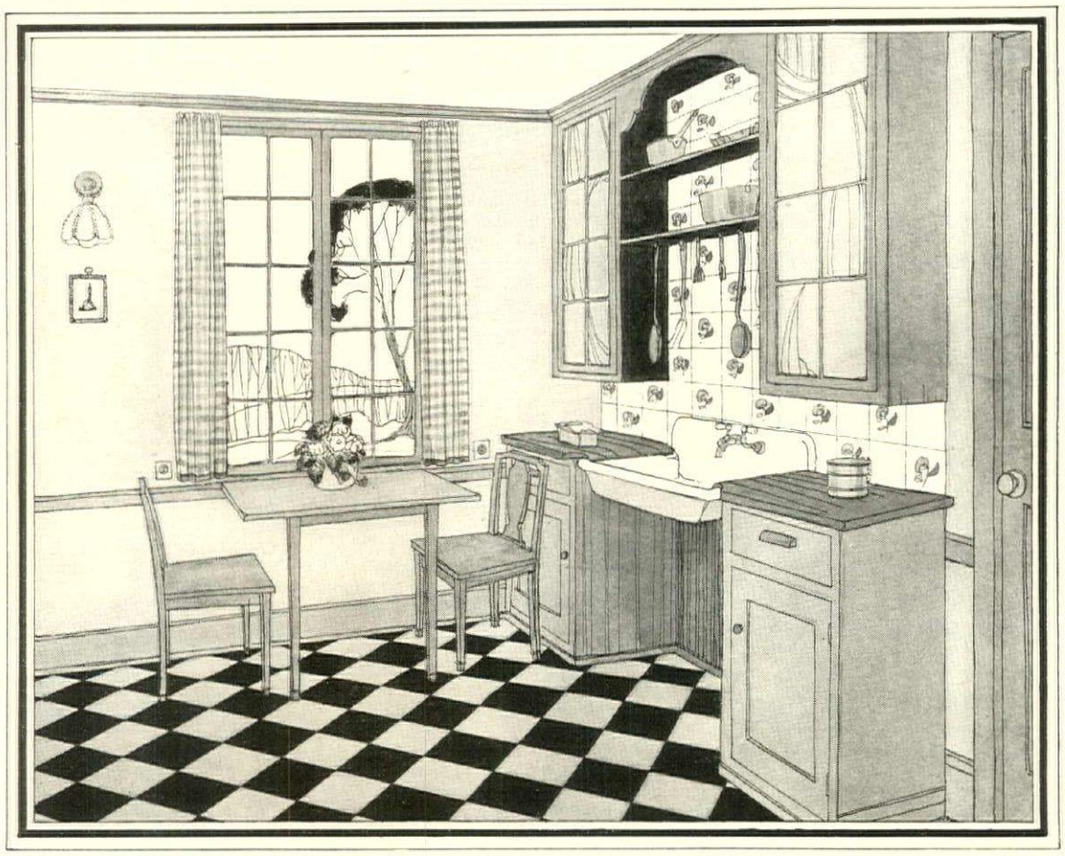
The faucets in the bathrooms, kitchens, pantries and laundries are of the best and approved designs, non-sputtering, non-dripping and easy of access.

You will note, that the kitchens in these plans are attractive; that they possess some of the traits of living rooms. This is but right. They are the rooms from which we get sustenance and they *should* be

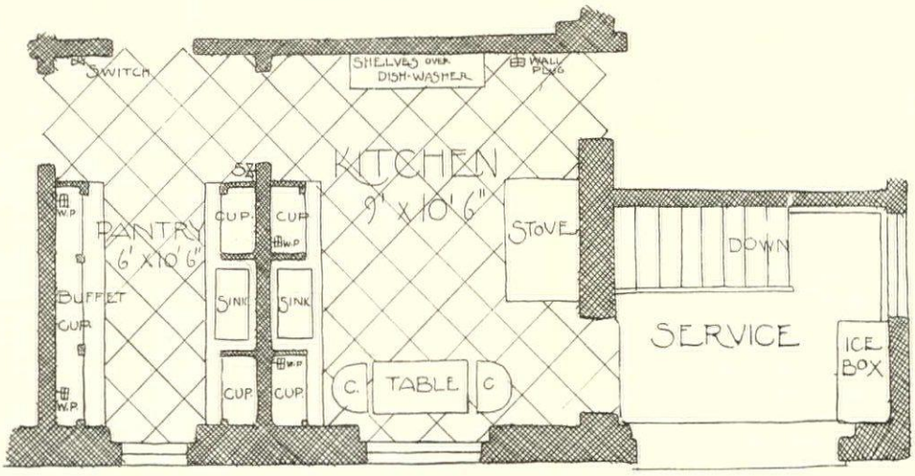
(*Continued on page* 94)



A detail showing a cabinet in steel and showing also how the curse of dreariness may be taken off the kitchen by a glance towards gaiety in decoration



The kitchen in Mr. Dana's French home is not only extremely workable, but pleasantly livable as well; gay in color and good in design



Mere space in a kitchen is less important than completeness, compactness and convenience. Here the unit comprising pantry, kitchen and service entry has been planned with unusual ingenuity

IN this Kitchen the color scheme can be gray blue and white or rose and white.

On the Floor you can have rubber tile or linoleum with repeating dark gray and white squares. Preferably a small square. Of course, this must be well laid with the curved join to the wall (sanitary cove).

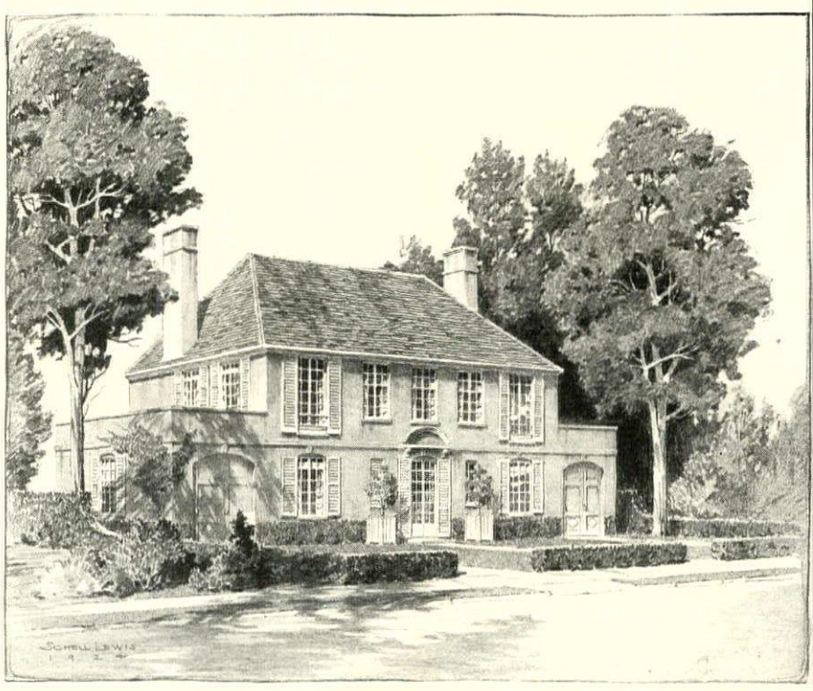
The Wall is painted gray or rose, as the case may be, with blue or gray rail. This rail is put here to save the wall wounds, due to too ardent intimacies between furniture, hands and walls.

The Ceiling is French gray, a tone which is just off the white, without the glare and very satisfactory.

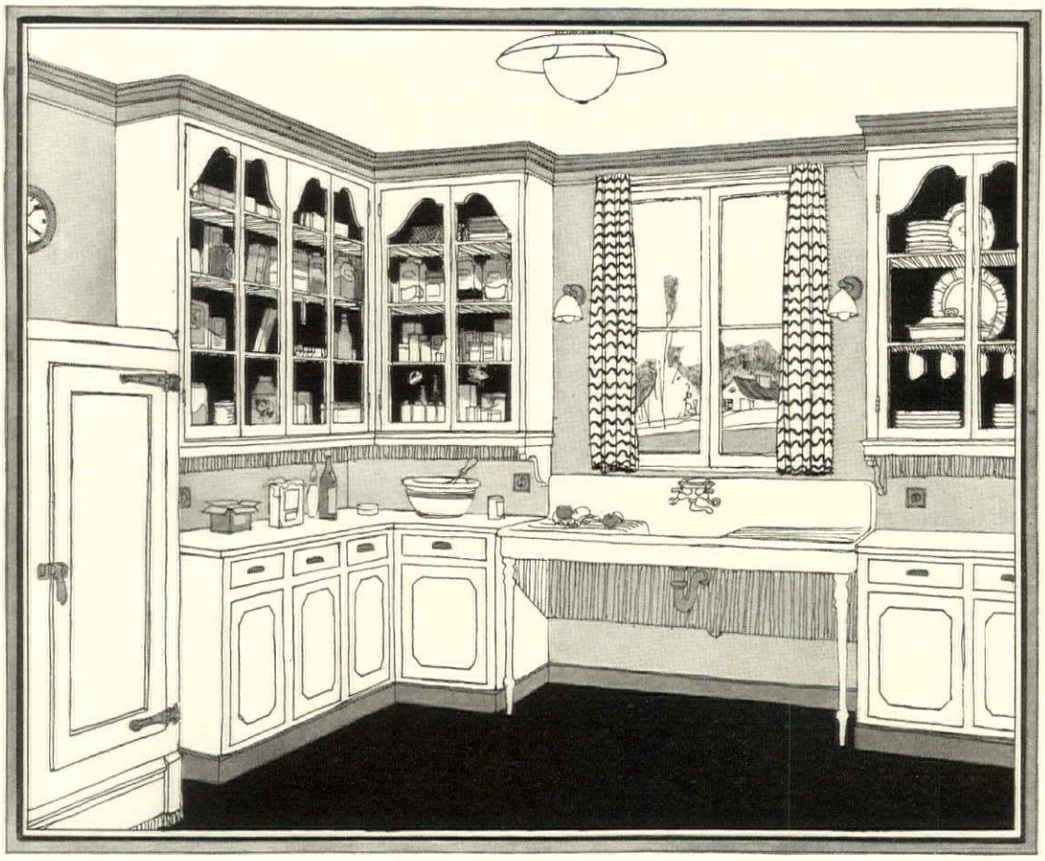
The Curtains are of blue check either of oil cloth stenciled or gingham, and give the kitchen a livableness that is delightful.

Note the little Table which folds down so as to be out of the way. This is painted in light blue to tone with the curtains and blue wood of the base board and the rail. The chairs too, can be painted blue, an easy thing to do with any inexpensive chair. Of course, white is very lovely too.

(*Continued on page* 98)



The house designed by Richard H. Dana, jr. has its kitchen unit at the right where a service doorway, indicated in the plan balances the garage door



Large paned casement windows provide plenty of daylight in the kitchen of this house, thereby making its loveliness more apparent

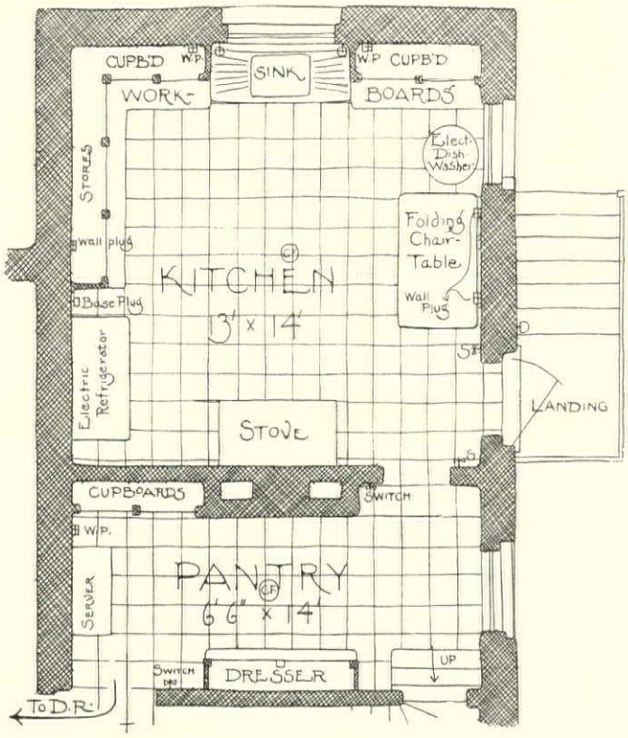
THE size of this kitchen is thirteen feet by fourteen feet, the pantry six feet by fourteen feet. There is no service room, as in the one in the preceding page, so the kitchen takes care of all the equipment.

The color scheme: Rose, grey and white.

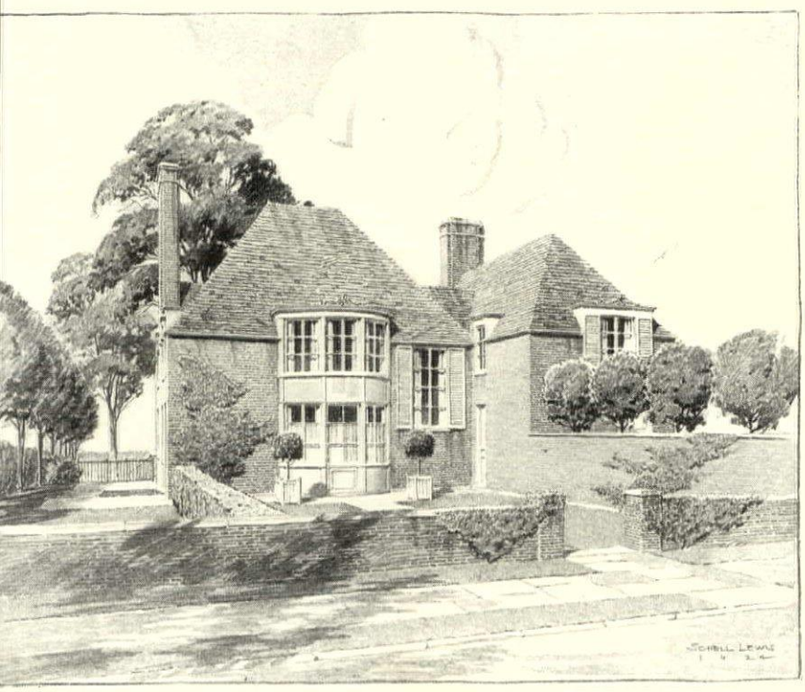
The outstanding things here are the decoratively designed cupboards. In this plan they are of enameled wood. Yet, if you prefer, you can buy any of the excellent kitchen cabinets or units in steel or wood.

There is a solid battleship gray linoleum rubber tile on this floor, which makes it pleasing and unobtrusive.

The arrangement of the various elements in both kitchen and pantry has been so cleverly devised that confusion cannot exist. All implements, stores and materials are placed where they will be readily accessible



This kitchen belongs to the house below, designed by Edmund B. Gilchrist, and is located in the rear of the service wing at the right

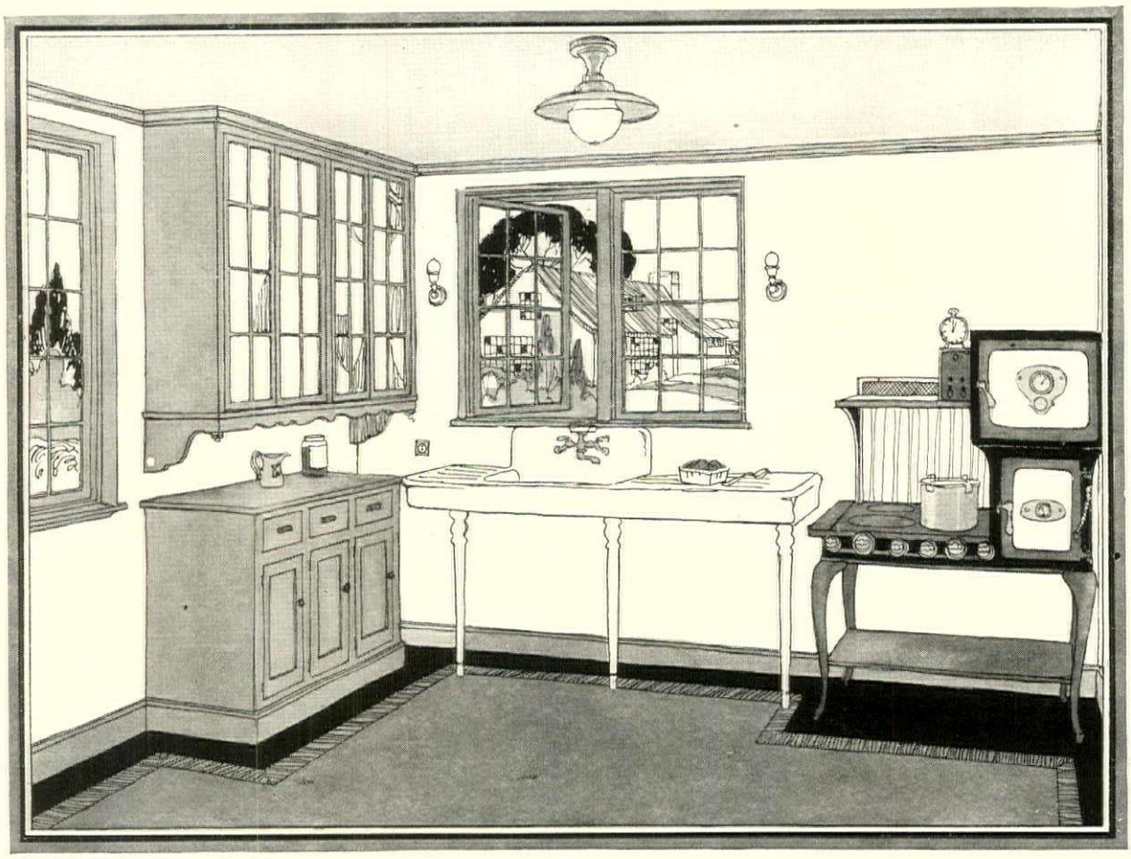


The working surfaces below the cabinets protude about 6 inches, giving enough space for working, and there are boards which pull out for greater utility.

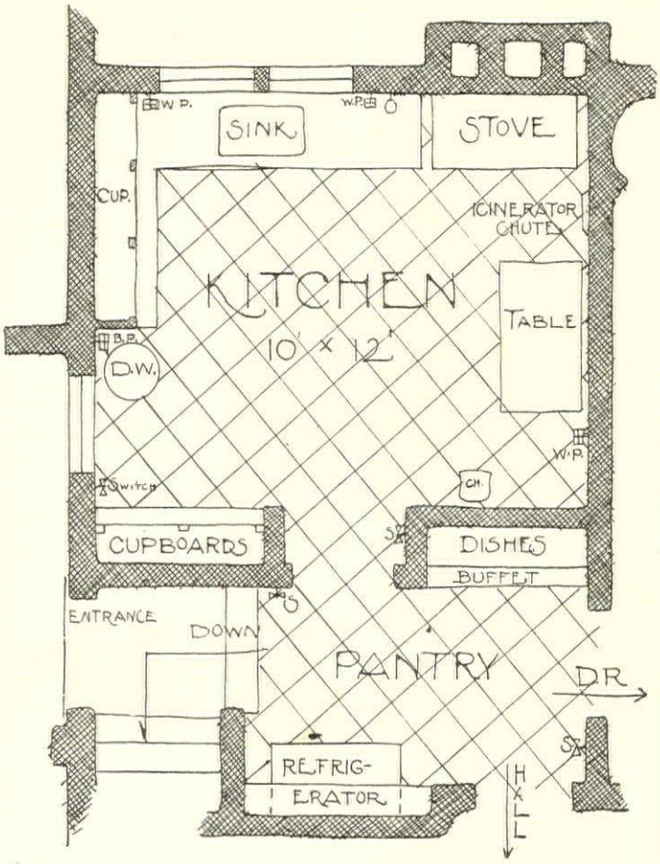
This plan has five electric outlets, two electric light switches at the right of all entrances and a large 85-100 ampere central service indirect light.

The ceiling is of French gray and the walls are painted gray. The curtains are rose and white. The wood work can be white or gray, and the chairs too.

(*Continued on page* 98)



The kitchen of the Howell & Thomas house has been simply treated and carefully designed for light and convenience. It is equipped with an electric stove



The plan shows how thoughtfully the circulation has been devised, not only about the kitchen itself, but from there to the dining room and to the hallway

YELLOW and white may be the colo scheme of this kitchen. The curtains, i any, can be of oil cloth stenciled or figure

The Walls can be painted yellow, an the ceiling a white toned toward yellow.

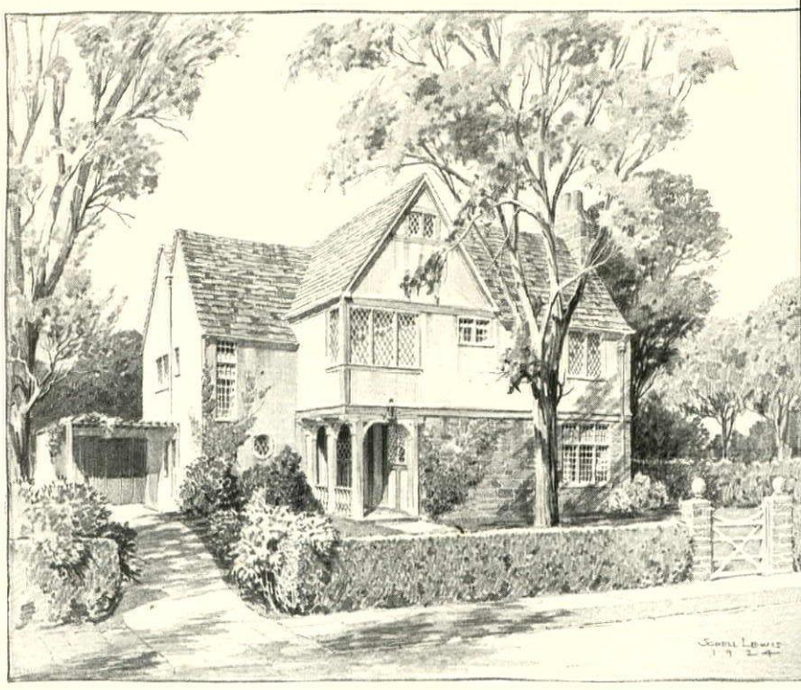
The Floor in this picture is of har wood with a well designed rug of lino leum or rubber tile.

The Sink is one of the latest patter with swinging faucet and central spou

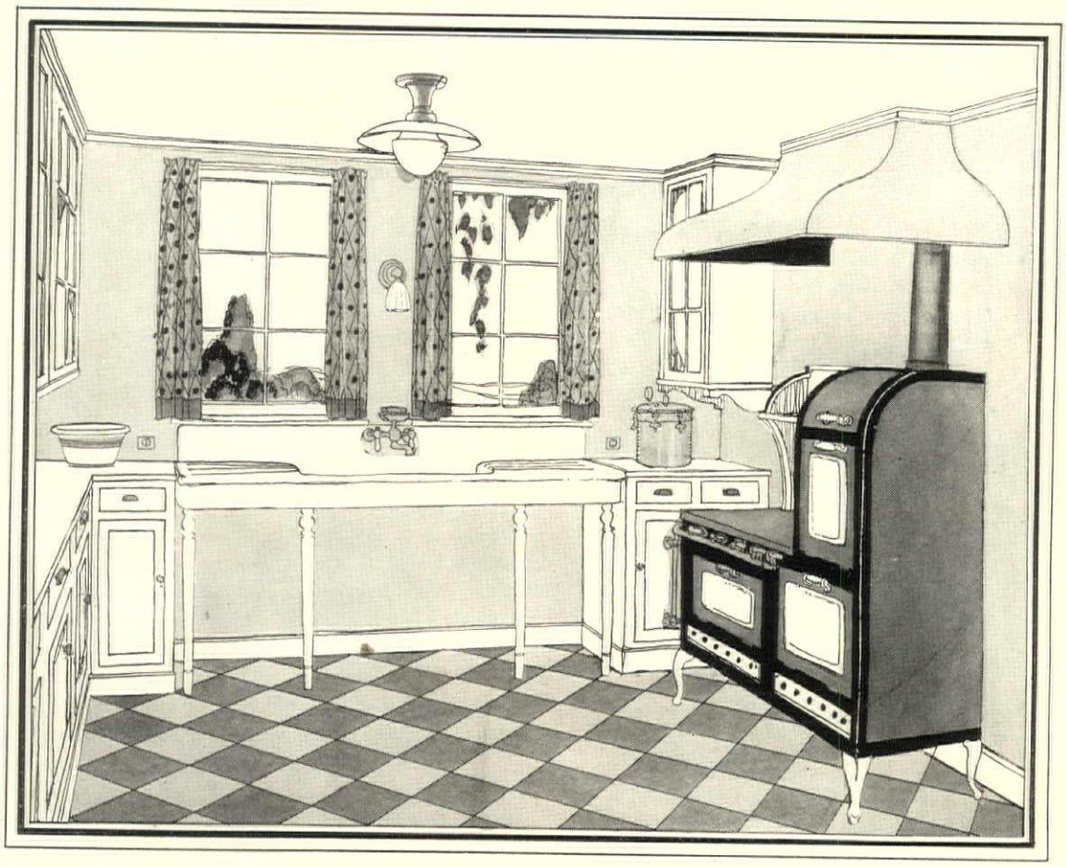
The trap is not pictured, but it shoul be in plain view. It is convenient in a kitchens to have a faucet below the sin from which to fill pails easily.

Here you have quite logically, th

(*Continued on page* 100)



The house, designed by Howell & Thomas, architects, is decidedly English in feeling, and that air pervades the kitchen, located in the wing at left



A color scheme of green and white gives the kitchen in this California house brightness and coolness. The stove is hooded for better ventilation

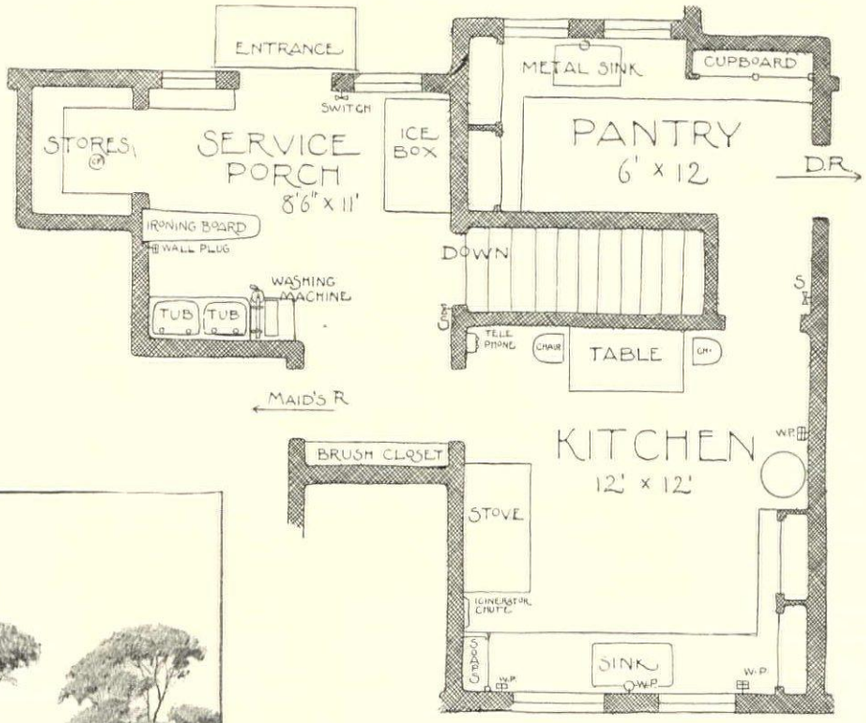
THE color scheme here for a sunny home in California, or elsewhere, is effective in green and white. The curtains can be of linen in natural color bound in green, or green linen.

The floor here is of green and white rubber tile—cool and refreshing.

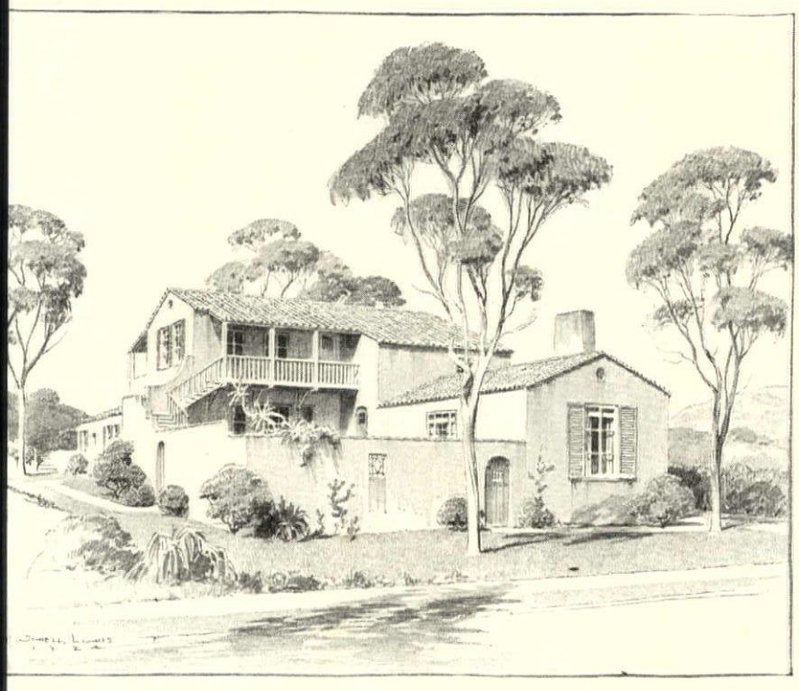
This layout contains the kitchen, pantry, and service porch in which is the laundry equipment. This service porch is semi-enclosed and can be shut up completely whenever necessary. But the worker has the comfort of working in the fresh air, when the weather is good.

The Kitchen Cabinets and cupboards are

(*Continued on page* 100)



The plan is particularly interesting because the kitchen unit includes a semi-enclosed service porch which houses the laundry, stores closet and refrigerator



Johnson, Kaufmann & Coate, of Los Angeles, are the architects of this house done in the manner of small Spanish buildings. The kitchen lies at the far end

OUR NATIONAL PARKS

Some Facts Regarding Their Preservation and Increase That Should Be Considered by Interested American Citizens

ABOUT this time of year a goodly number of American citizens visit the National Parks scattered in various sections of the country. The automobile has made these accessible. There are nineteen of them in all, and they cover over 11,000 square miles. In addition there are forty-four National Monuments—areas of historic or scientific importance—which are conserved by Presidential proclamation, and which can be visited with both pleasure and profit.

The average citizen can recall vaguely that there are such things as National Parks and National Monuments, but until he visits one he does not realize the purpose they serve. The first of the National Parks was Hot Springs in Arkansas, created in 1832; forty years later Yellowstone was set aside and ever since then the Government has been staking out areas that should be preserved. Just why?

In a letter, Secretary of the Interior Hubert Work defines the purpose of these National Parks as follows:

"Under the theory and practice of the United States Government since 1872 when Yellowstone National Park was created, our National Park System is made up of areas enclosing scenery of quality so unusual and impressive, or natural features so extraordinary, as to possess national interest and importance as contradistinguished from local interest. Such outstanding examples of typical world architecture as the Grand Canyon, exemplifying in unequalled grandeur the highest accomplishment of stream erosion, or the rugged portions of Mount Desert Island in Maine which are incorporated in the Lafayette National Park, exemplifying unique rock forms in association with quite extraordinary eastern forests, compelled immediate recognition of National Park values.

"The National Parks, therefore, must not be lowered in standard, dignity, and prestige by the inclusion of areas which express in less than the highest terms the particular class or type of exhibit which they represent.

"Size is not important so long as the proposed park includes within its boundaries those scenic elements that meet established standards, but the area must be susceptible of effective development to make it accessible to the people, and of convenient administration and control. Duplication of exhibits already in the National Park System must be carefully avoided in order that the individuality of the members of the System may be maintained.

"And, when once established by the Congress along well-studied boundary lines, they must be conserved in their natural state, untouched by the inroads of modern civilization, so that coming generations, as well as the people of our own time, may be assured their use for the purposes of recreation, education, and scientific research."

THUS our National Parks may be conceived as National Museums of native America, containing exhibits of forests and wild life in direct descent from the prehistoric, of the beginning of river systems and of other world-making processes unaltered by the hand of man.

The average John Doe citizen, visiting a National Park this summer, will be impressed by its beauty, will experience the thrill of patriotism he should feel on realizing what his country has done—and will then turn the nose of his car homeward. In nine cases out of ten he will not forget the experience. He will tell his friends and neighbors about it. He will enjoy the serene sense of security and well being due to the citizen of a country that is capable of doing such a noble act as preserving a National Park.

This makes a pleasant picture. We wish it were entirely true.

We can be proud of our National Parks, but our pride is only justified so long as John Doe and his neighbors visit these parks and have their minds enlightened. And John Doe and his neighbors will be capable of this benefit and privilege only so long as the National Parks and Monuments are preserved intact.

IT is this conception that interests the National Parks Association. It was organized to promote the popular educational utilization of the National Parks. For four years past it has been leading a determined opposition to bills in Congress urged by rich and powerful water power and irrigation interests working together from in the far west to break down the National policy of conservation. If one of these bills succeeds, the precedent will be established under which the conservation of the entire system will pass, for what Congress grants to one Senator or Representative it cannot refuse to others.

Recognizing the helplessness of a single association against this combination of interests and its powerful lobby, the National Parks Association began, three years ago last June, a national organization of existing organizations to represent in the defense every State in the Nation. This alliance, which includes such bodies as the American Association for the Advancement of Science, the American Automobile Association, the General Federation of Women's Clubs, the National Association of Museums, the American Game Protective Association, the National Association of Audubon Societies, the American Federation of Art, and a wide variety of civic, foresty, patriotic and other organizations, combines the active influence of thousands of club units with memberships exceeding four millions. This alliance eventually will win. Winning means the recognition by several successive Congresses of the fact that National Parks conservation cannot be assailed with impunity. When this becomes a Congressional tradition, our parks will be safe for all time.

It is important to know that this fight is wholly outside of partisan politics. Neither is this a war between East and West. It is a war between types of mind which occur in the west in quite the same proportion as the east.

We hear a great deal nowadays about 100% Americanism. This type of patriotism is being severely and justly criticized because, in many instances, it has degenerated into a hate campaign against a section, a creed or a race. If 100% Americanism means something constructive, such as the support and preservation of our National Parks, then it is above reproach.

Gillies

INSIDE THE FRONT DOOR

Farther forward in the magazine is shown an exterior view of the doorway of this hall in the home of Mrs. Grace M. Burnham, at Great Neck, Long Island. What the doorway promises is performed by the interior. It is a room interesting in plan and almost severe in its details, therefore a perfect background for the careful decoration it has received. The floor is of waxed tiles, the walls of rough plaster. Frank J. Forster, architect

GROUND COVERS AND LIVING MULCHES

Some Native Wild Flowers and Ferns Which Are Admirably Adapted for These Purposes in Every Conceivable Situation

HERBERT DURAND

IN early spring, like all true gardeners, I love the warm brown color and the pleasant perfume of newly turned earth. Especially do I enjoy the feel and the frangipani-like fragrance of woodland soil. But as the days lengthen and the ground in my wild garden dries, both color and perfume fade and the bare spots and stretches of dusty gray surface offend my eyes. Even the decently ordered mulches of Pine or Hemlock needles or half decomposed oak leaves, which have protected the acid-loving plants and catered to their peculiar cultural demands, have now an unsightly look; and I skurry about for greenery and gay-tinted bloom to hide the occasional ugliness, so the all-prevailing beauty of the April blossoms shall be free from blemish.

I go through this experience with each recurring springtime. In fact, it has been a feature of my vernal program for years. At first, my search for suitable ground cover plants and living mulches seemed, perforce, to be confined to a very few species, and those of foreign origin. It was apparently Hobson's choice between Perwinkle, Bugle, Creeping Charlie and Gill-over-the-ground. But I had started out with a firm determination to admit only 100 per cent American plants into my garden pale; so none of these interlopers could be considered.

Yet I must have plants possessed of similar or even more desirable characteristics. They must be low-growing, shallow rooted, creeping or spreading within reasonable bounds, and attractive in flower, or fruit, and foliage. They must also stand transplanting well and have the ability to flourish under varying, even adverse, conditions of soil, exposure and moisture. Finally, they must so dominate the areas to be carpeted or mulched as to keep out weeds, conserve moisture and maintain a loose-textured surface without the aid of hoe or rake.

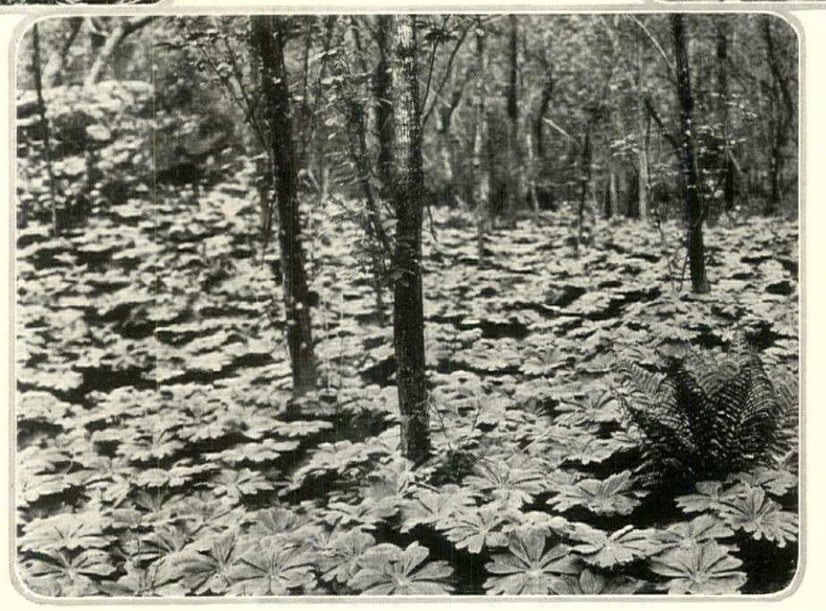
(*Continued on page* 88)

The common Speedwell, blue-flowered and emerald-leaved, does best in moderately acid soil partly shaded, but is not very particular

The New York Fern will establish large colonies if given the opportunity. Its fronds are bright yellow-green and very graceful

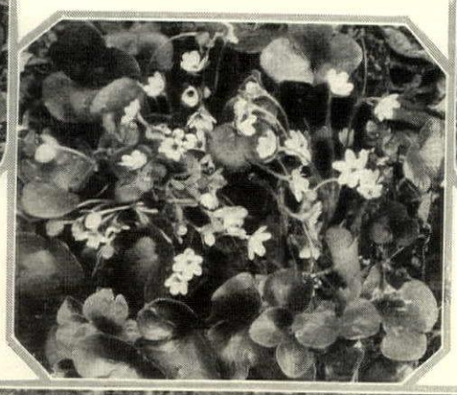
Club Mosses, of which there are four varieties in our Eastern woods, require an acid soil. With due care collected plants can be established

Foam Flower is at its best in well drained, damp, shady locations, where it forms large masses which lift white flowers in May



Mayapples are unsurpassed as spreading, fairly tall ground covers in fairly open glades. They are almost floor-like in effect

Shaded hillsides are the natural haunts of the Hepaticas whose white to sky-blue blossoms are among the earliest of our native wild flowers



To accompany the Hepaticas, white Trillium is showy and effective. It is perfectly hardy when planted at a depth of from 6 to 8 inches

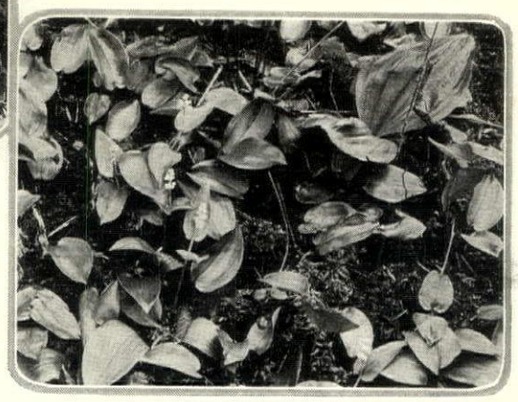
The wild Wood Strawberry is of real worth as a ground cover. Foliage, blossoms and fruit are ornamental, the berries delicious

ue Phlox V. divari-ta), colon-d in large antities, rms an al carpet r a wood-nd floor.

Partridge Berry is at home in sun or shade. White, fragrant blossoms in June are followed by scarlet berries. It is an evergreen

The blossoms of the Robin's Plantain are pale lilac-pink. It grows extensively and is excellent for binding the soil of dry and sandy slopes

One advantage of the Canada Mayflower is its ease of transportation. It requires soil acidified by pine or hemlock needles

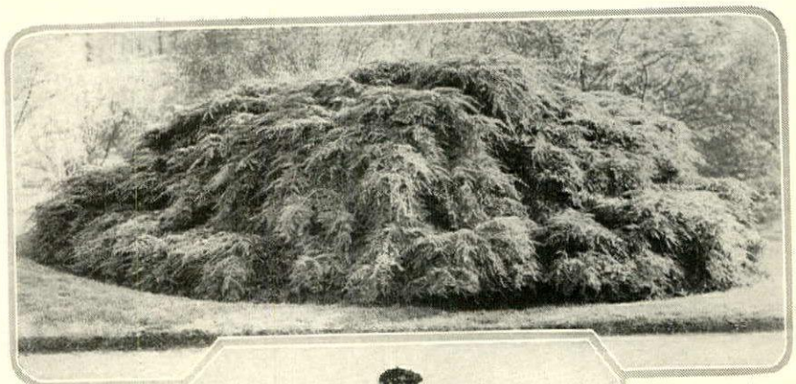


THE BEST HARDY CONIFERS

An Authoritative Selection of the Loveliest and Most Useful Varieties in this Great Group of Trees

E. H. WILSON, V. M. H.

CONIFERS are so distinctively decorative and so decoratively distinctive that it is possible easily to create with them wondrous garden pictures. With no conspicuous flowers to attract, they possess a wealth of color suggestiveness that captivates by the delicate gradations which mark the passing of one shade of green into another. Many possess distinctive charm in a marvellously beautiful glaucous haze, so delicate that the sight seems an attribute of the atmosphere rather than a possession of the plant itself. Then there is the graceful form of feathered plumes in which the tenderness of the new foliage stands out distinct and clear in rich relief against the denser background; the background itself has its beautiful blending of color with deeper shades where the sharp outlines of defined foliage are lost in misty shadow as the greens melt into liquid grays and neutral tints. There is splendid diversity of form in Pine and Hemlock, stately grace in Fir and Spruce and dense symmetrical beauty in the Arborvitaes.



Where low recumbent forms are fitting the Sargent Hemlock, Tsuga canadensis pendula, is an ideal low growing conifer

A group of Retinsporas in Japan trained into forms more graceful and appropriate than is generally the custom here

It is easy to mar a beautiful thing or a beautiful place, or both, by placing plants of the wrong kind in the wrong way and in the wrong situation. The full beauty of the larger Conifers can only rightly be seen in proportion as the trees themselves are allowed their freedom for development in the open and in natural positions. The smaller sorts may be grouped near the house. All Conifers love a cool deep soil though some of the Pines and Junipers thrive in sandy soils and even in rocky places. They all abhor drouth. Transplanting is best done in spring or from the end of August to the end of September. Little pruning is necessary and when permanently located they should be left alone with a proper water supply and an occasional mulch or

(*Continued on page* 102)

One of the most picturesque of the Pines is the Japanese Table Pine, Pinus densiflora umbraculifera, with its shape resembling that of a spreading American Beech. Its habit of growth and the fact that it is inclined to be dwarfish in stature, though sturdy, make it an unusually valuable plant for the small or large place where daintiness is not one of the essential characteristics

A magnificent, almost perfectly developed, specimen of Colorado Blue Spruce, Picea pungens, is this eighty-foot one in Rhode Island

The Serbian Spruce, Picea omorika, shown below, is one of the loveliest of its class

One of the noblest of our native trees is the Douglas Fir, Pseudotsuga taxifolia, a splendid, towering spire of dark and glaucous green

The Carolina Hemlock, Tsuga caroliniana, may safely be called the most graceful, in fact, the most beautiful, of all conifers; extremely hardy, fast growing, and obtainable

The leaves of the Japanese Fir, Abies homolepsis, are dark green above and silvery white below, the tree itself a fine, far-reaching pyramid with branches densely laden with foliage

COTTON FABRICS FOR THE HOUSE

The Third Article in the Series on This Subject Considers the Figured Materials and Velvets

MR. and MRS. G. GLEN GOULD

BECAUSE of the cheapness of cotton, it is mixed with various kinds of wool, linen, silk, rayon—the new term adopted to replace *glos* by manufacturers and merchants,—to cheapen these fabrics, or to give them a desired character or strength. But so much attention has been given to manufacturing fine cotton goods for interior decoration in the last ten years, that beautifully colored brocades, damasks, and velvets, supposedly silk as they hang in official splendor in some gorgeously decorated hotel ball room or dining room, have never a thread that has not been spun of the fiber bursting from a ripened cotton boll. This is possible because Mercer discovered that a quick bath of caustic soda expands the cotton cells so that the fiber can be stretched giving it a glow like pulled molasses candy, and strengthening it for wear. Cotton, plain or mercerized, now supplies every conceivable household need from rugs to upholstery, and is made in practically every type of fabric possible to silk, and sunfast at that.

Decorators are using these fabrics increasingly for homes as well as hotels, clubs, and commercial houses, especially where expense is at issue. An effectively designed damask or brocade in a large number of colorings can be had for much less than silk and even than rayon.

Figured cottons used as curtains with or without over-draperies may be—casement cloth, gauze, grenadine, handloom, lace, madras, marquisette.

Over-draperies, valances, upholstery, or loose cushions may be—armour, brocade, broché, brocatelle, damask, frou-frou, handloom, cotton mohair, tapestry.

Pile fabrics are used for over-draperies, upholstery, and loose cushions. Beds are draped and covered with light and medium weight fabrics. Denims are used for porches and camps. Both figured and pile fabrics are used for room accessories.

ARMOUR. Small figured brocade weaves are now called armour; much liked for bedroom accessories, over-draperies, bed spreads, couches, and chairs; often in French designs—floral sprays, lattice, and stripes.

BROCADE. Like silk brocade, in historic period and modern designs, all types and colors. A little rayon or silk adds interest; occasional rayon threads give metallic effects. Highly mercerized or dull; sunfast; heavy and light weight; for all uses.

BROCATELLE. Heavy brocade with highly raised pattern, for large hangings and upholstery.

BROCHÉ. Light weight inexpensive brocade.

CASEMENT CLOTH. Small figured fancy weaves for window and bed hangings, French doors, and accessories. Preferred in cream, tan and écru.

CROCHET OR HONEYCOMB. Machine made fabrics imitating hand crochet bed spreads.

DAMASK. Designs and ground of different weaves, ground usually satin weave; white for table cloths and napkins; very handsome colored damasks for wall coverings, upholstery, and window seats. Draperies are better interlined. Imitation of striped linen slip-covering is also called "cotton damask".

DENIM. More elaborate figures constantly appearing for porch, lawn, and camp use. Named from Nîmes (*de Nimes*, of Nîmes) in France famous for this heavy twill.

DIMITY. Besides the sheer fabric with corded stripes and bars, dimity names a heavy figured material in bed spread patterns of poplin weave with brocade designs.

EMBOSSED DESIGNS. Rough cloths like ratine, pressed in patterns make inexpensive decorative fabrics in dark colorings.

EMBROIDERED DESIGNS. By hand or machine, increasingly used on gauze, organdie, or batiste for curtains, bed hangings, and spreads; on monk's cloth, burlap, or rep and twill weaves for over-draperies and upholstery, embroidered in cotton, rayon, silk, linen, or wool; tapestry and needlepoint designs on heavy rep, twill and basket weaves for chair upholstery. Embroidered fabrics much used for room accessories.

FROU-FROU. A brocade, with part or all of the ground in pocket weave, that is double like quilting, giving a soft elegance to hangings and loose cushions.

GAUZE. Figured in elaborate or simple floral or conventional designs for curtains, window panels, lamp shades, and French doors; a tied weave which does not pull.

GRENADINE. A fine gauze with openwork pattern.

HAND-LOOM, HOME-SPUN, HAND-WOVEN. Fabrics made by hand or machine like primitive hand weaving. Indian blankets and foreign tent-woven stuffs effective for bungalows and camps; Colonial patterns and European peasa work, good for replacing old rush cha seats.

LACE. Woven designs in "antique fille —square mesh; bobbinet—round mesh; figured without mesh ground. Decorato prefer panel designs in lace curtains.

MADRAS. Light openwork net locke in weave like grenadine. Panels wit large designs in dark colors for windo and summer portières. White and éc for ordinary curtains.

MARQUISETTE. Artistic designs no made in this openwork weave for colore and white curtains.

MARSEILLES. Closely woven hea damask, satin finish, raised designs, f white and colored bed spreads. Nam for Marseilles, France. Marseilles, dimit crochet, and piqué spreads are little use replaced by colored fabrics.

PIQUE. A stout rep with small pattern for bed spreads and accessories.

COTTON MOHAIR. Woven designs a rough weave simulating real mohai Good wearing material for upholstery.

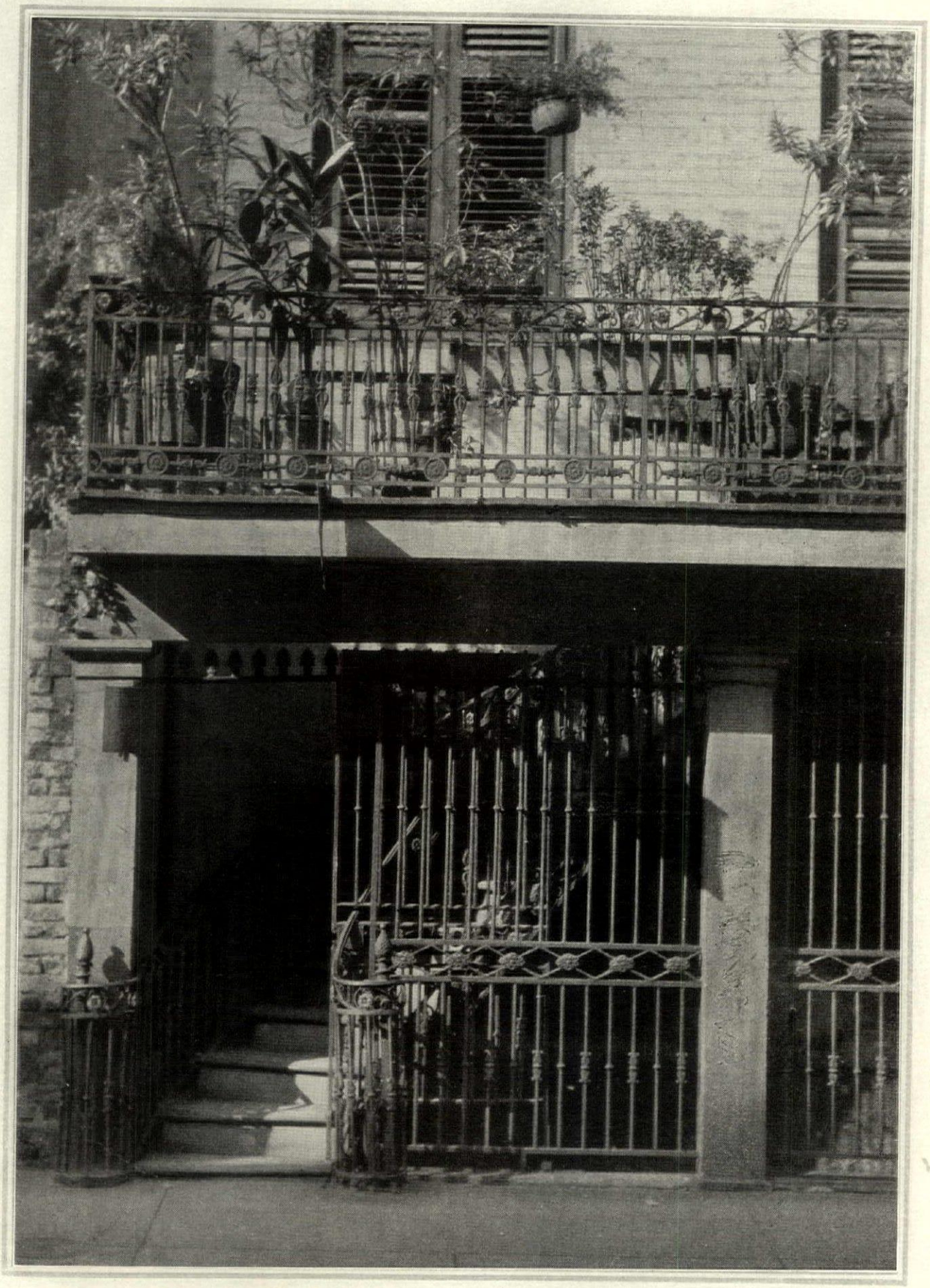
TAPESTRY. Imitates hand woven a machine wool tapestry in a wide range designs, weights, and colorings, for han ings, upholstery, loose cushions, wa panels, table scarfs, accessories. Antiqu corded, and rough effects; basket weav *gros point and petit point* effects. Desig in small growing plants with many color flowers—*mille fleurs*, literally thousa flowers; verdure—foliage designs; peri designs, in compartments, birds, flowe scenery, figures, garden scenes, etc. Scen designs like "*toile de Jouy*" woven on latticed ground. Dark colorings for ord nary upholstery, lighter for French fu niture; large and small patterns.

TICKING. Called "art ticking" wh woven in small floral designs for upholste under slip-covers, shoe boxes and acc sories.

TRIMMINGS of every kind are made mercerized or plain cotton. Rayon brigh ens the coloring and gives variety. Bulli fringes, and various edgings for hanging thread fringes for curtains and la shades; cords, tassels, and fancy rosett to hang mirrors and pictures; tie-backs f curtains. Solid or mixed colors in en mous variety increasingly used to finish t decorations now in vogue.

Fabrics with a nap or pile are now b ing so exquisitely woven in cotton that, f some purposes, they are preferred to silk.

(*Continued on page* 108)

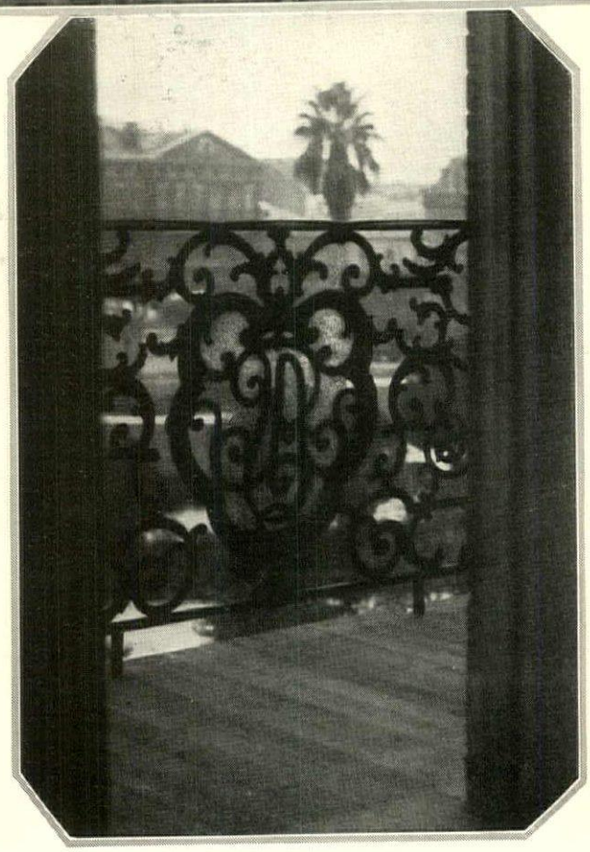


Arnold Genthe

GRILLES AND GALLERIES OF OLD NEW ORLEANS

Such lace-like iron-work as this has been done nowhere else in America with greater skill and grace, and as it is becoming year by year more precious it is particularly interesting to find a record of it as sympathetic as that of Mr. Genthe's recent photographs

This plantation house across the river, with its surrounding gallery and two story columns, has taken on a phantom-like quality with its utter change of fortune



Most of the larger residences in the old French quarter had splendid courtyards, gay with flowers and foliage, and entered from the street through lofty arched gates

The hand-wrought grilles in this "City of Iron Lace" are often worked in elegant arabesques, and sometimes, as here, ornamented with the monogram of the owner

Opposite, on the upper right, is shown a patio that has been restored, and with such taste that one gets from it almost the fine delight of its original beauty

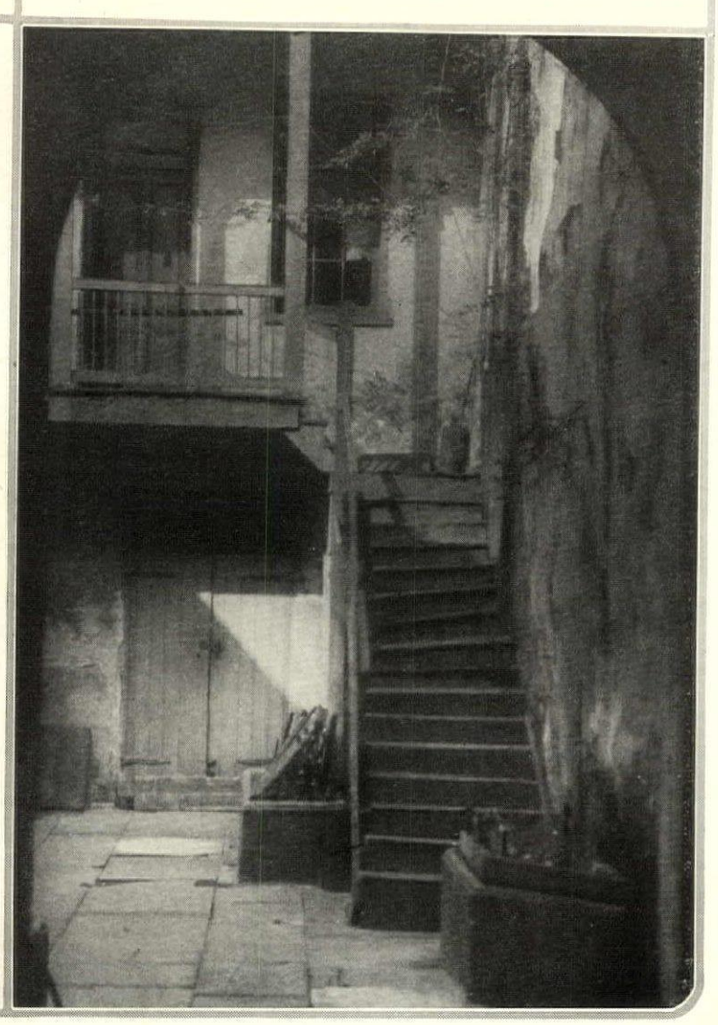
THE VANISHING CHARMS OF THE VIEUX CARRÉ

Photographed by

ARNOLD GENTHE

At the opposite left below is a characteristic façade simply designed with a wide curving bay and a gallery which follows this gracefully swelling contour

Even in decay and dejection such a courtyard as that at the lower right opposite seems unable to lose the essentials of the charm it held in fresher and more brilliant days



THE EVOLUTION *of the* ENTRANCE DOORWAY

By the Doorway of a House it is Often Possible to Judge the Character of Its Original Occupants

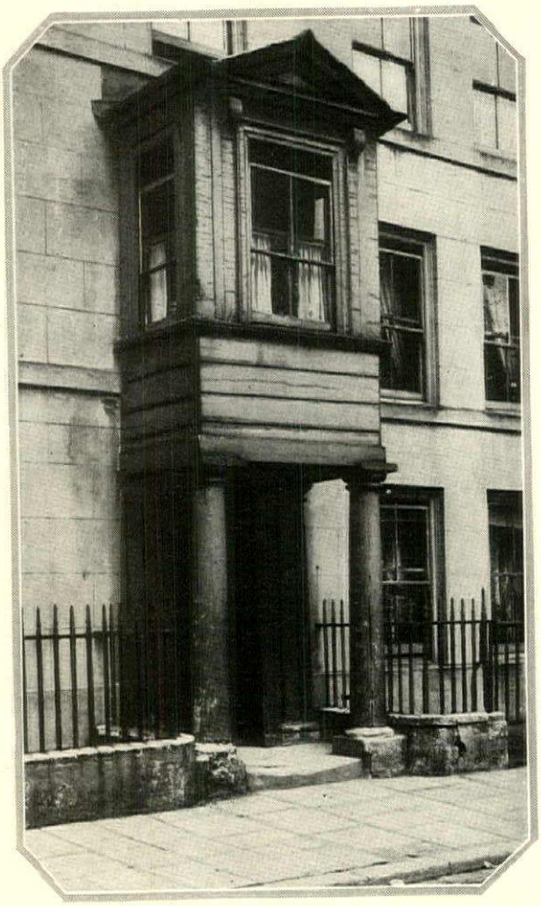
H. J. BIRNSTINGL

IN the doorway, perhaps more than in any other single feature, of a house is it possible to trace the development of architecture. The roof, the window, the chimney, these all have their limitations according to the purpose of the building or to the local conditions and climate, but the door is governed by the one primary fact that it is there to allow the passage of human beings in and out of the building. It is thus, as it were, a common denominator, and should, for the most part, epitomise the general tone of the building. It is the maker of first impressions and has the power of begetting various sensations in those who approach; it may, on the other hand, belie the character of the building and so betray its trust.

Thus, the great door of the Roman Temple of Jupiter, at Baalbec, which was twenty feet wide and forty-five feet high, must have engendered, by reason of its very vastness, a spirit of humility in those who passed through it; again, many of the finely decorated 18th Century house doors, in Germany and Austria particularly, suggest a general level of sumptuousness which is, indeed, often lacking.

Many are the qualities which we find expressed in doorways. There may be a courtly dignity, a little frigid perhaps, but none the less very impressive, or there may be a warm welcome. A doorway may be proud, or it may be humble; it may be pretentious, or it may be simple; it may be inhospitable, or it may be friendly. Then, too, there are city doorways, all decorous, correct, and strictly urban, and there are country house doorways, the manners of which are less unbending and less formal, and between the two there are the doorways in the country town, which seek, as it were, to maintain a certain formality.

Then there are differences of material having all the suggestive significance of the different textures of our clothes. There is the brick doorway, simple yet distinctly elegant, and the fine wood doorways of the 18th Century; there is the stone doorway, rugged and sincere, or pompous, or Palladian, and there is the timber doorway, friendly and peaceful as a summer's day.



The bay window is a feature of the entrance to this house in Portsmouth, England, dating from the time of Charles II

From the breaking up of English traditional Tudor forms by the influx of classical ideas from the Continent, until the first establishment of a new tradition by Sir Christopher Wren, doorways, like all else in architecture, and indeed in all intellectual pursuits, were in a state of flux. In England there were many interesting doorways of the first half of the 16th Century which show the transition from the old order to the new, but they are curious rather than beautiful. Eventually, however, thanks to the genius of Wren, the well-known form of doorway which we know and love began to emerge and led up to the Queen Anne style. This, though actually of Dutch origin, soon became thoroughly English and thence American and, undergoing changes and modifications, has remained the accepted form for about a hundred and fifty years.

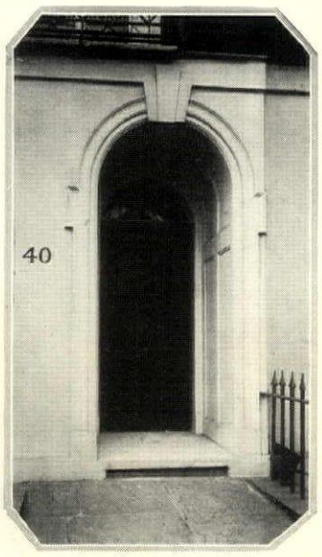
During that period a rich variety in the treatment of doorways is noticeable. In the latter half of the 17th Century we find the doorway flanked with pilasters or three quarter columns surmounted by a flat or curved pediment, and built in brick or wood; we find the penthouse type of doorway with a projecting canopy, pedimented or scalloped and carried on richly carved consols; we find, too, the large and stately Palladian porch. These roughly arranged groups merge into each other and have, moreover, a great many local variations and developments.

Passing on into the next century, doorways tended to become simpler. The Palladian influences grew and the richness of the earlier period was no

(*Continued on page* 82)

A deep porch repeats the sloping lines of the dormers, making the entrance to this house distinctive

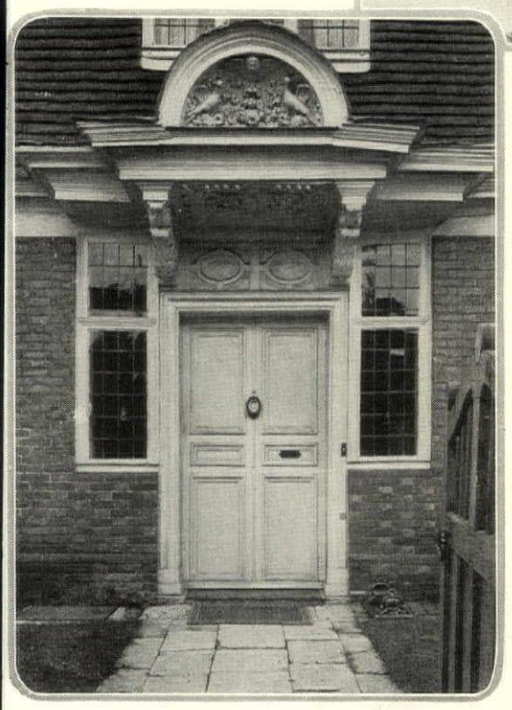
Great dignity is found in this entrance to an old house in Portsmouth, England. The round-top window, the balcony with its grill and lantern bracket, the door approached by steps finished with an iron hand-rail, are all features applicable to some houses here



For a remodeled city house a door of these proportions and this style is often desirable

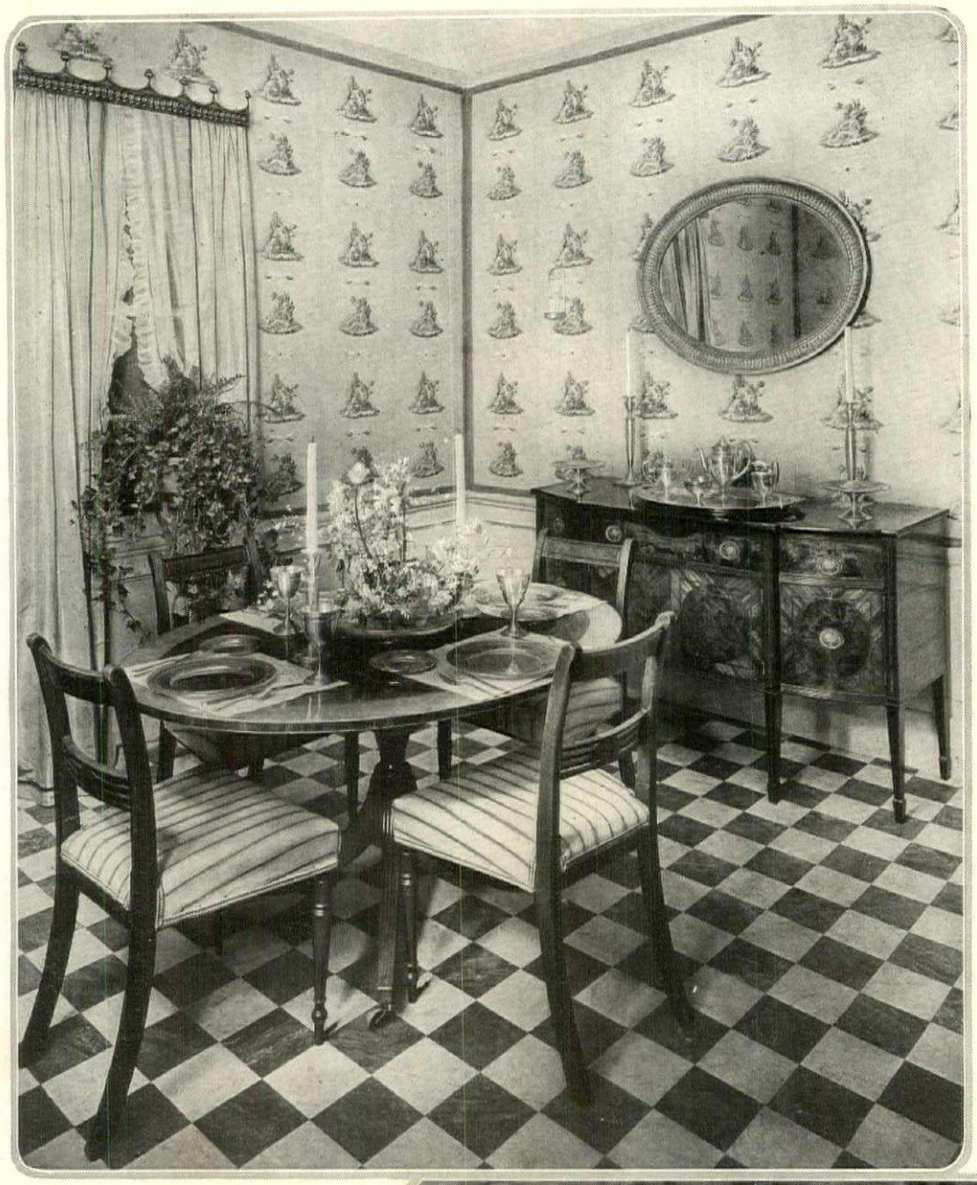
In houses of the 18th and early 19th Century you often find the entrance elaborated with wrought and cast iron. Here it is used to support the portico roof, it forms the hand-rail to the steps, and on the fence is elaborated into decorative posts and newels

A bay supported on four columns forms the porch to this charming English door, which dates from 1700. The ceiling has typical fan-shaped ribs of the time



The unusual feature of the doorway to the left is that the hood extends over the flanking windows, and is related to the molding which marks the string course

Classical dignity is found in the 18th Century doorway shown to the right. The delicacy of the door itself is contrasted with the vigor and strength of the portico



M. E. Hewitt

The Georgian design of the silver in the breakfast room above accords admirably with the English furniture. The silver is from Gorham. Decorations by Miss Sparks

The simple and graceful candlestick above shows the inverted cup turning characteristic of much of the William and Mary furniture. From Lord & Taylor

SILVER IN ENGLISH PERIOD DESIGNS

The comports at the left are modern reproductions of ones made in the time of Queen Elizabeth. The lattice design is unusually interesting. From Crichton

Exquisite in both pattern and shape is the modern tea set below copied from a set made in the time of George III. The bowl is also Georgian. From Crichton

The after dinner coffee set below has the same sturdy simplicity of an early English oak paneled room. It is from a Jacobean design. Black, Starr and Frost

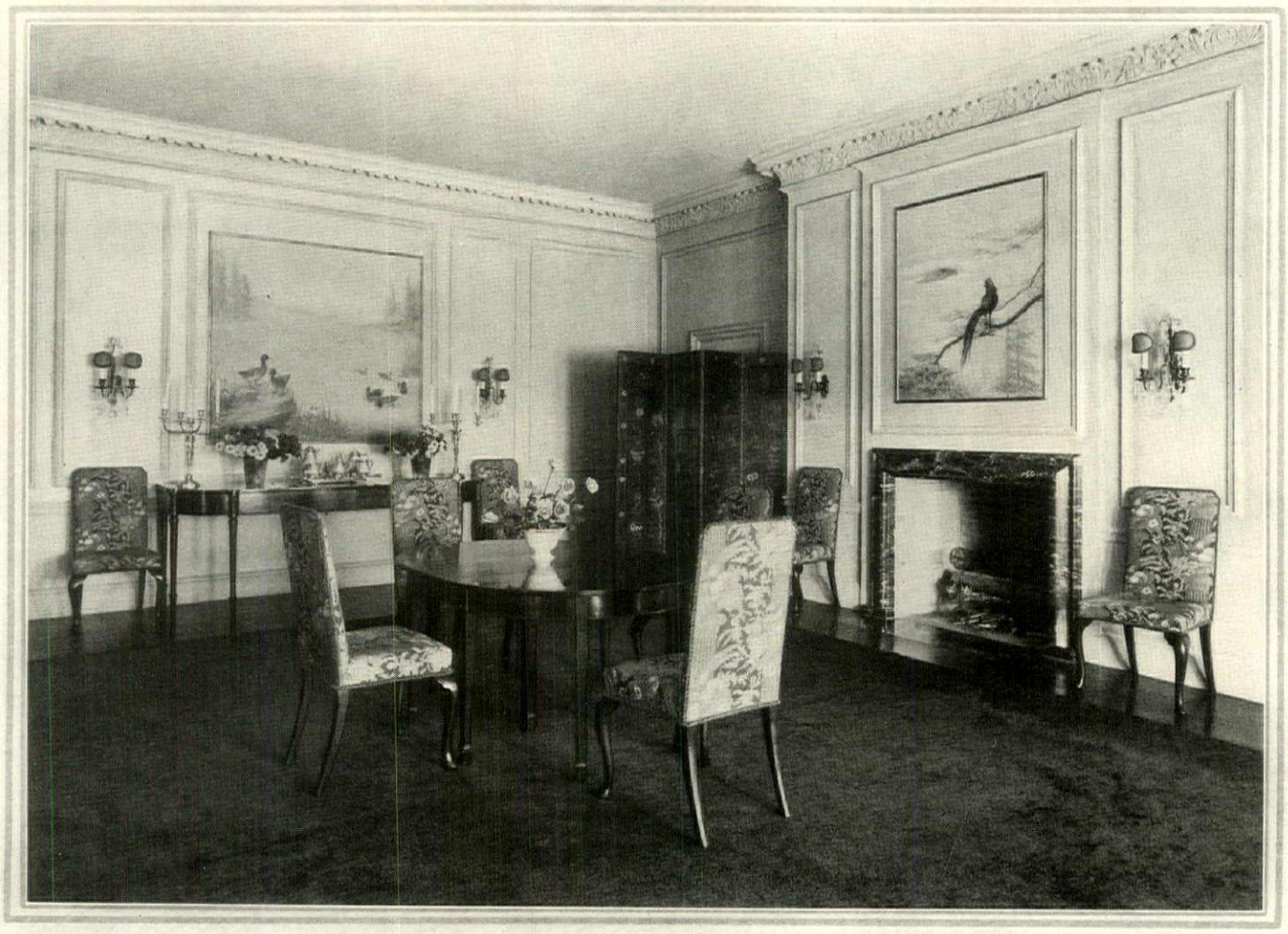
Dana B. Merrill

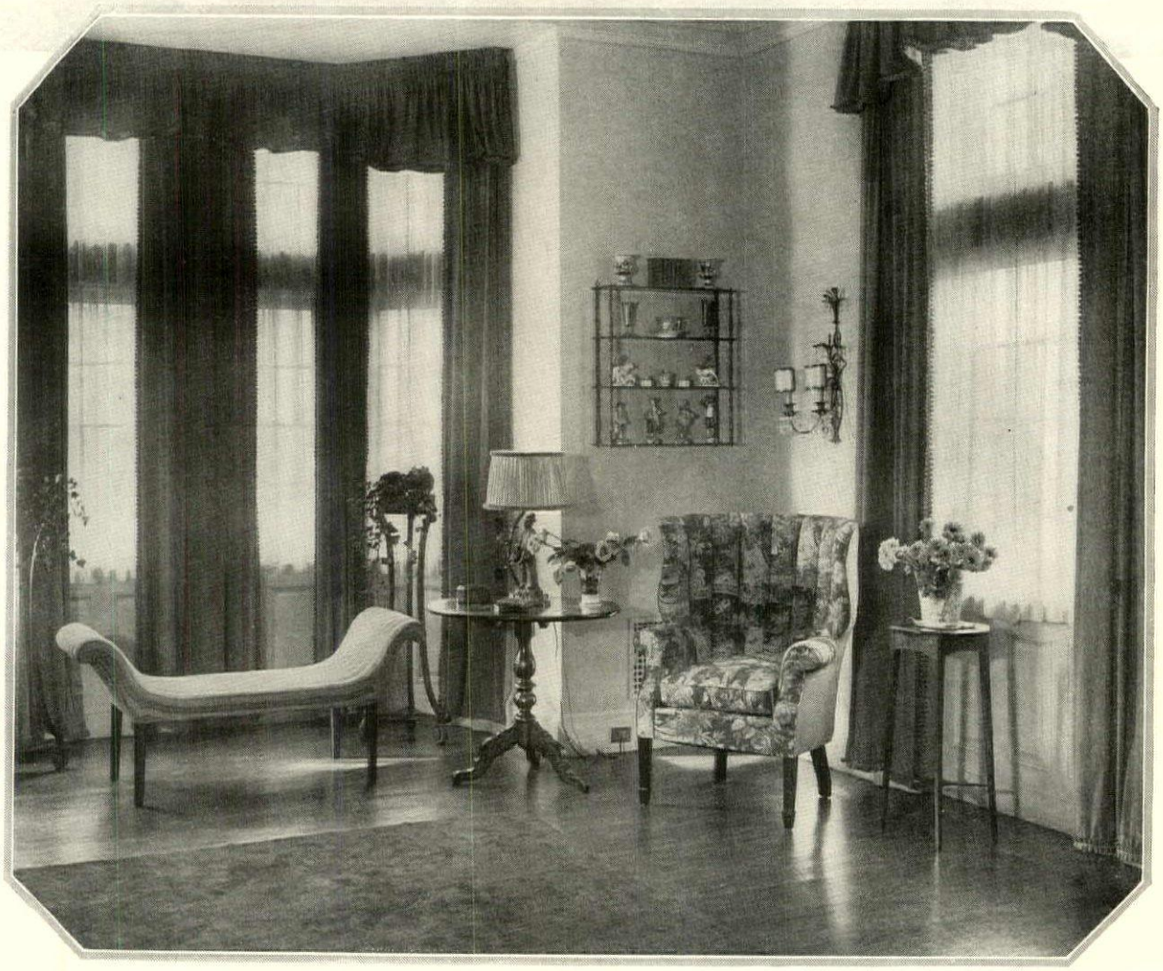
A LITTLE PORTFOLIO OF GOOD INTERIORS

M. E. Hewitt

The most attractive feature of this sunny breakfast room is the tiny conservatory at one end seen through arched openings. The coloring of the room also suggests the out-of-doors—yellowish pink plaster walls, green woodwork and a copper colored floor laid in large square tiles

Curley maple furniture and a chintz on the window seat cushions in shades of old blue, copper, yellow and green tone in delightfully with the pink walls, green woodwork and copper colored floor. In the home of Mrs. John Tyssowski, Dobbs Ferry, N. Y. Ethel A. Reeve, decorator



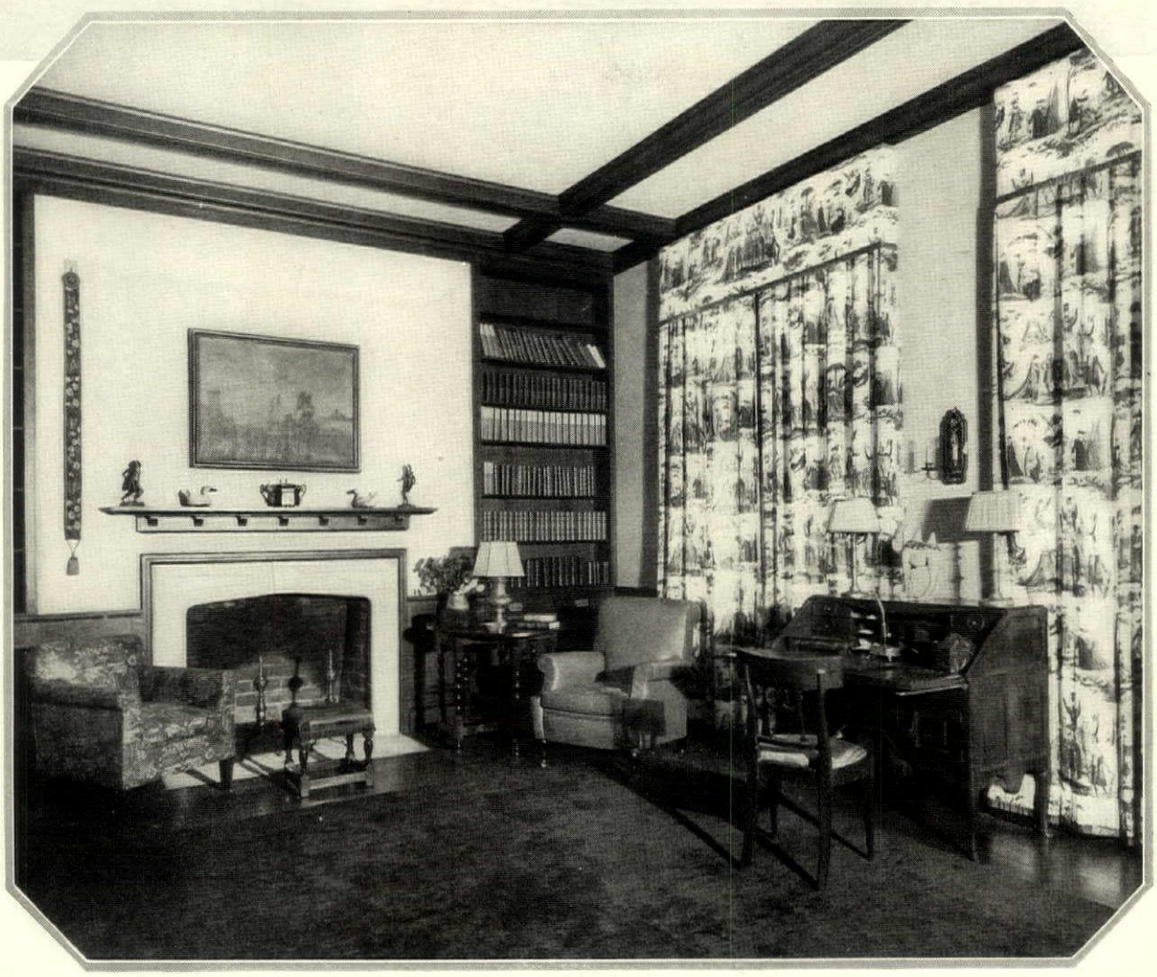


M. E. Hewitt

The photographs on this and the next page are of rooms in the Long Island home of Mrs. Edward R. Tinker. The dining room above has soft blue walls decorated with colorful panels by Maud Earl

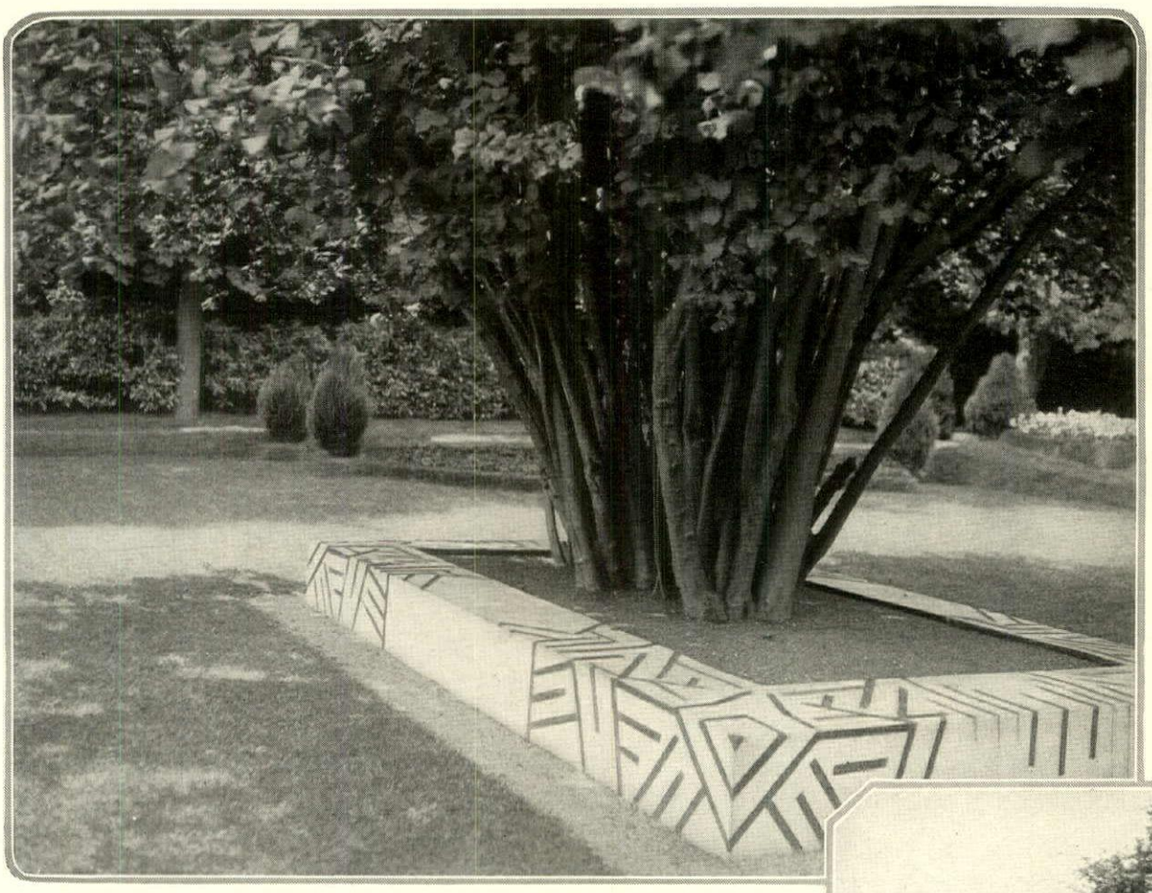
This effective group of furniture is in one end of the long living room. The walls are deep cream and the curtains green silk. An old chintz with a mulberry ground covers the comfortable barrel chair in the corner

The fine old book case in the far corner of the living room is painted Adam green — a nice note of color with the mahogany and walnut furniture. The chintz slip covers are gay with yellow and mulberry



A dignified small library in the Tinker house has oyster colored plaster walls, oak woodwork, red and blue toile de Jouy curtains and pewter lamps and accessories. Diane Tate and Marian Hall, decorators

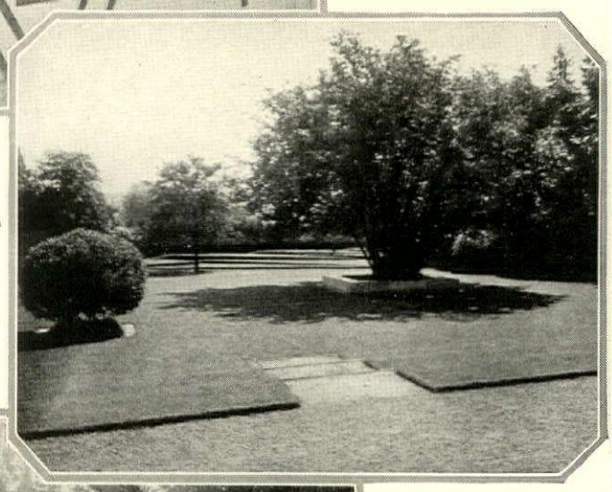
Drix Duryea



This many-trunked Hornbeam springs from a platform that is framed in cubistically marked concrete—a setting which is not altogether without a certain startling effectiveness, though perhaps it is a trifle self-conscious

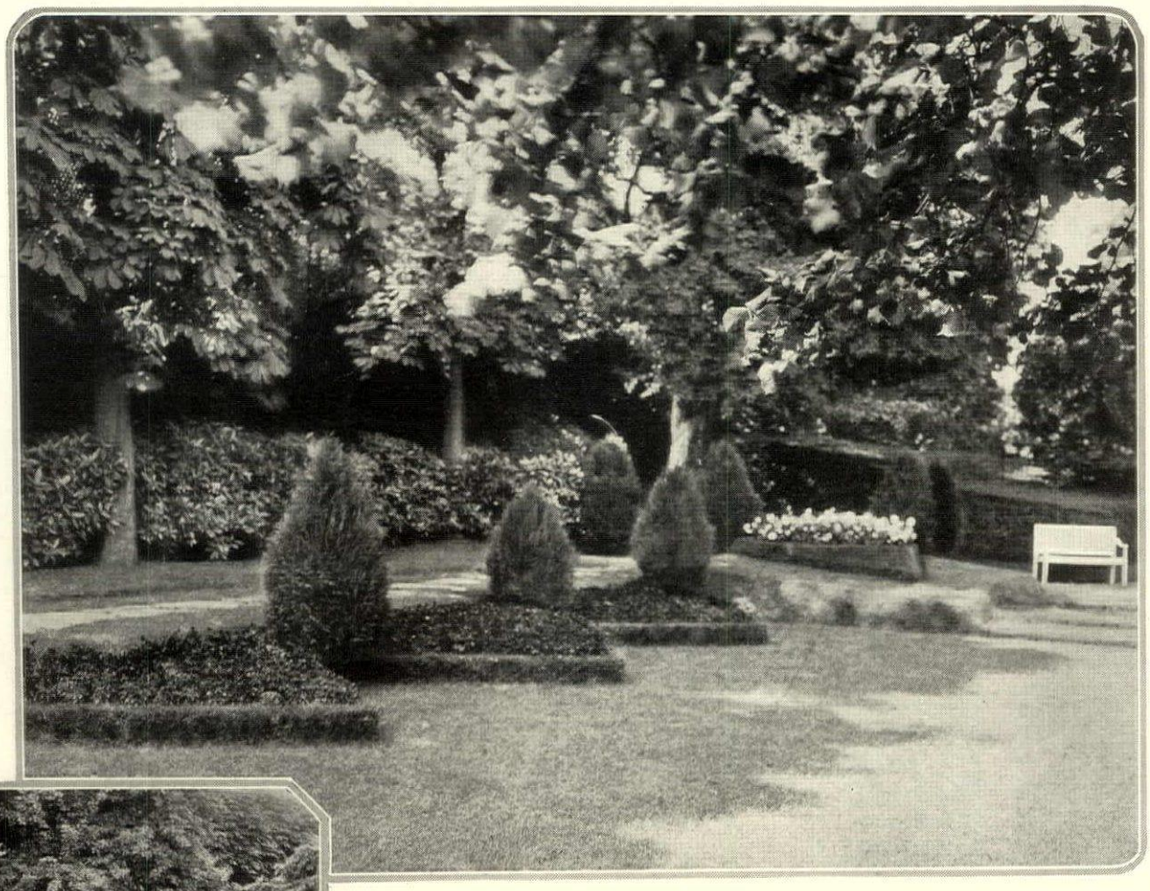
AN EXAMPLE OF GARDEN DESIGN IN THE MODERNIST MANNER

AT ST. CLOUD, FRANCE

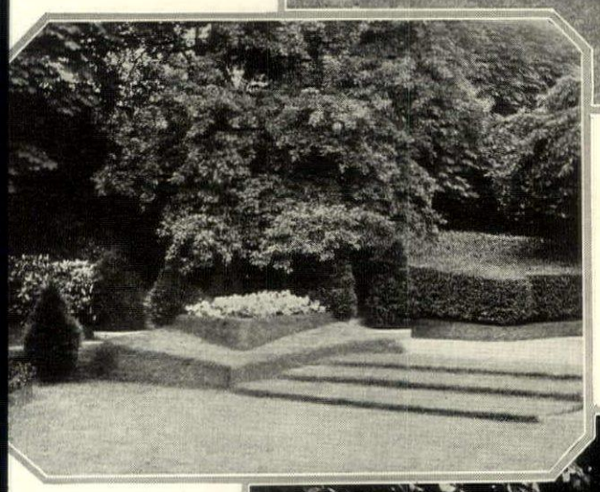


The view across the lawn shows how completely the natural forms of trees and shrubs dominate a situation, even under circumstances such as these where the design is one of very unusual interest

Around the base of this tree a bowl-like seat has been contrived of cement laid up in irregular sections, while the surrounding paving has been carried out in a quite similar manner and in the same material



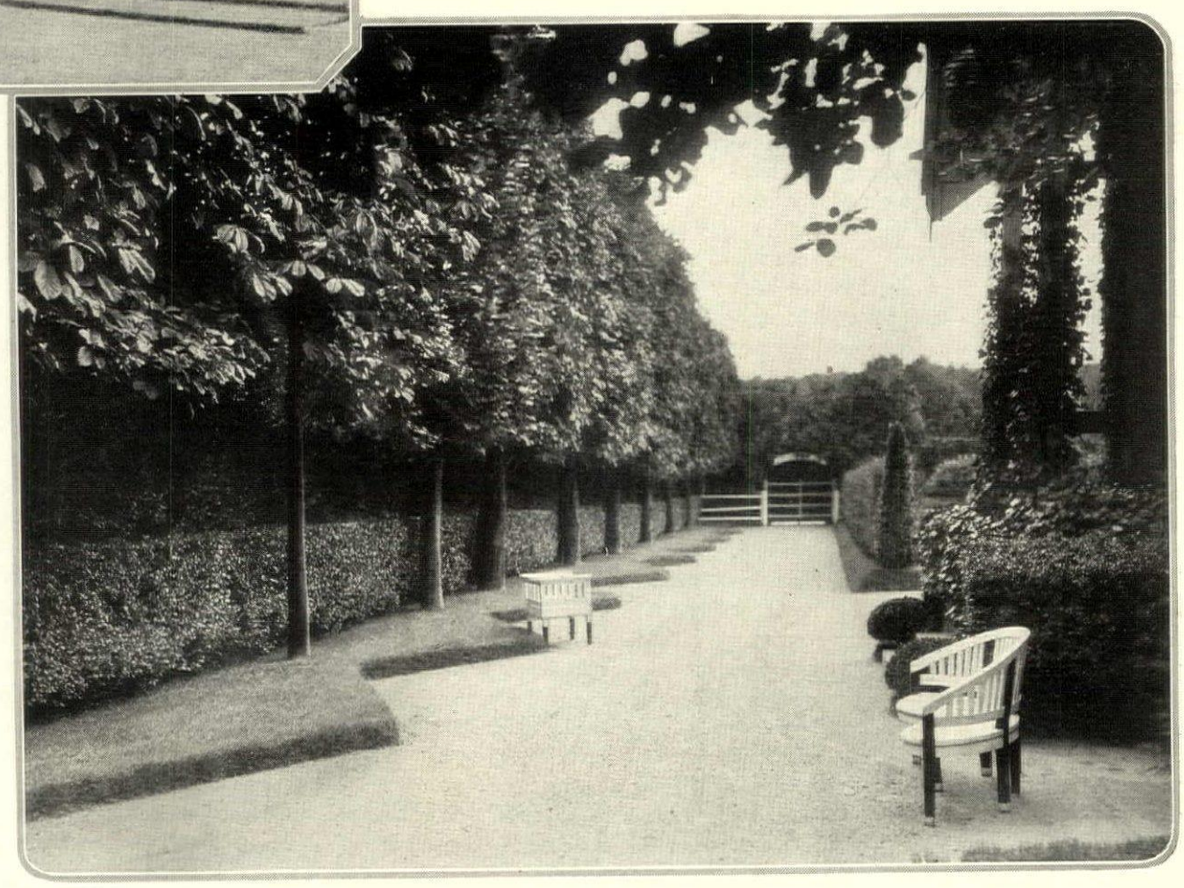
Although in Germany and Austria cubism has found expression in architecture this is probably the first example of its application to the art of gardening, where it seems less at home than it might be anywhere else



CUBISTIC LANDSCAPE ARCHITECTURE ON THE OUTSKIRTS OF PARIS

MME. TACHARD, *Owner*

he forms into which hese flower beds, turf teps and hedges have een cut are interesting nd not unlovely, but hey tend more towards he spectacular than towards practical horticulture and construction



he long path with its aw-tooth edge of turf ffers a splendid opportunity for garden design in this spirit. With its background of bleached chestnuts it holds a sort of strange and fascinating beauty

Perhaps the ideal rock garden site is the hillside slope, one whose fall can be broken by paths and level places

ROCK GARDENS *for* SMALL PLACES

In This Kind of Garden Ingenuity is Quite as Important as Space and Suitable Topography

RICHARD ROTHE

THE fascinations of rock gardening are leading many garden amateurs into its pleasant ways, and with remarkable results. Where there have been impediments in the path—traditional impediments, such as: you shouldn't build a rock garden on level ground, and you shouldn't build one where there are no rocks, and you should have more than a very limited area at your disposal—these, at least for enthusiastic amateurs, seem no longer to matter. Rock gardens are being made by them to grow, and grow with real authenticity, in all sorts of situations. The average suburban plot, for instance, has not been considered the ideal site for a type of garden which has always depended more or less upon a rugged setting; but even here amateurs have proved its splendid possibilities.

From the views shown at the top and right of the opposite page one may see how fallacious is the theory that rock gardens must be built on steeply sloping ground. The owner-designer here, aside from his subtle sense of space and rare aptitude for merging the biggest and smallest forms of primitive rocks into beautiful combinations, was also thoroughly aware of the necessity for an appropriate background. The gradual extension of his work across the entire width of the rear line made it the dominant object of beauty on his place and brought the whole picture into full view of his house.

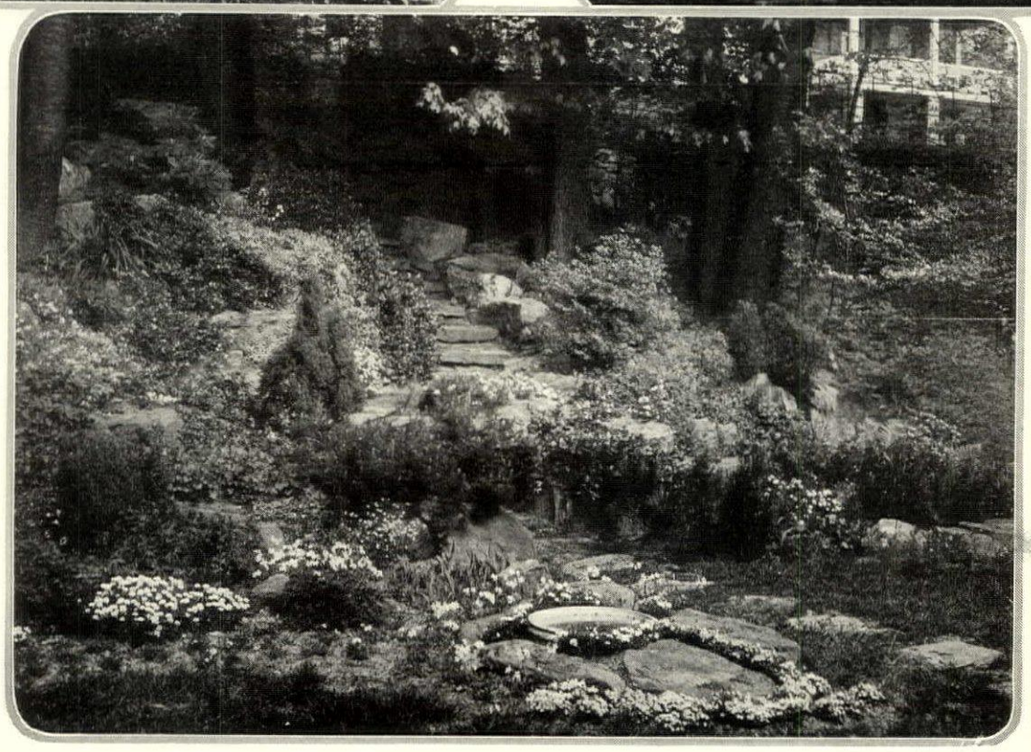
As a sheet of clear water is a most congenial element of beauty in any garden, the idea of pool building suggested itself here. On level ground it would seem to be a simple matter, but it was desired that the two little pools should appear integral parts of the rock garden and, as such, appeal to the beholder more as realities than as merely the outcome of clever artificial device. The problem was one for an artist to solve, and, as shown by the two pictures, the amateur proved himself entirely competent. The way in which each of the two pools has been planned shows a splendid knowledge of the natural forms of quiet water. In conception as well as in execution this rockery serves as a rare object lesson demonstrating the possibilities in this kind of design on the small, level, suburban home ground.

Sometimes there is a loop hole in the most conventionally planned suburban plot through which the rock garden idea may enter and materialize successfully. On the place shown at the bottom of the opposite page the rear lot line originally lay along the front of the slope. The short, steep hillside beyond meant nothing at all until it was recognized not only as a perfect place for a wild planting but, with its becoming such a garden, as a splendid background for the whole property. Ideal conditions always facilitate matters but there is not a rockery worth its name which has not solved some knotty problems. In this case, for instance, the establishing of an evergreen planting under the far outspreading shade of deciduous trees required several years of experimenting. A liking for bright and rich color displays, with possibilities therefore limited by nature to the open outskirts running along and partly into the lawn, required real discrimination in the selection of plant material and its subsequent care. Broadleaf evergreens were used under the trees and with them great patches of shade loving herbaceous plants. Towards the open space of the sunny, level lawn below this scheme was changed to include heavy masses of dwarf and spreading conifers, lightened by small flowering trees, and made more effective by foreground spots of color in shrubs and perennials.

Rock gardening on the medium and small suburban lot requires concentration on one thing. For the novice it is a venture with plenty of pitfalls in it. Taxing personal ingenuity most engagingly, it no doubt at times touches the sporting vein in a man. As a hobby horse it is not without occasional capricious spills. But without sympathy for natural forms, a fine feeling for the way in which plants and rocks should be fitted into informal surroundings, there is little hope of real success. Knowledge of plants and of their habits will come with experience. Perhaps it is better that there be mistakes at first, just in order that the correcting of them may suggest still more pleasant possibilities.

The rock-lined pool in the Philadelphia garden of Dr. Herbert P. Fisher is set in a frame work of dwarf Junipers, Yew, Dogwood, Laurel and Iris

he entrance to the ock garden of O. . Lippincott, Ger- antown, Philadel- hia, shows an un- sually skillful and eautiful handling f suitable plants



Rock gardens, with their pools and informal planting, are able often to give a feeling of size to the small place. Dr. Herbert P. Fisher, owner and designer

lat stone steps, sol- ly set, find their ay down this slope id form the back- round of the rock arden. Charles J. ainear, owner, ermantown, Phila.

The cool looking kitchen above is in the New York home of Mrs. C. H. Hensel. The checked gingham curtains are blue and white and the furniture has been painted blue. Chapin, Harper & Dutel were the decorators for the house

The striking feature of this kitchen is the contrast of a red table and chair against cream woodwork and a black and white floor. It is in the home of Mrs. G. G. Griggs, in Bridgeport, Conn. Ethel A. Reeve was the decorator

COLOR KEYS UP THE KITCHEN

A COUNTRY HOUSE FROM HOLLAND

An Interesting Example Of Modern Dutch Design

KATE DE RIDDER

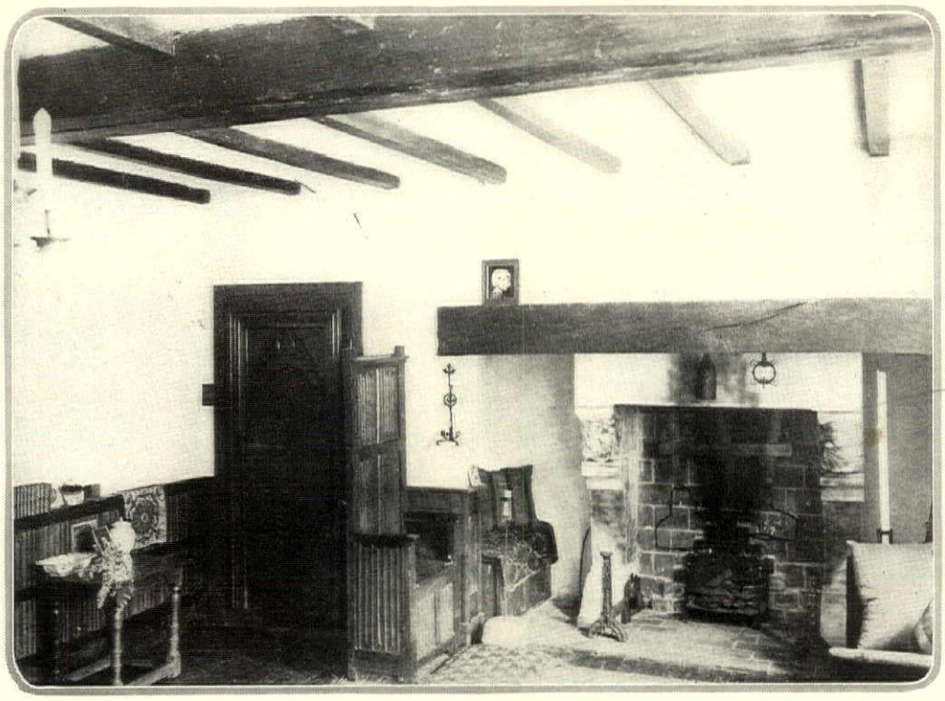
THIS house lies among rich green trees: old oaks, birches, poplars and pines. s setting, as the details of its design, is typically Dutch. The chimneys, nd the flat, English type tiles along the elving roof, repeat the color of the wall icks. The gates, doorways and window rames are painted a bright green, and orm a lively contrast to the whole.

The garden contains lovely vistas hrough arches built of old bricks and meworn tiles, and a pergola at one end onnects the house with a cricket court and golf course. In this way the flowered pace serves a double purpose—a spot for leasant leisure and a delightful passage etween two parts of the place. At the ar end of the garden a small pond is cut. n it Water Lilies float, and flowering ushes and Arrow Heads stretch their long reen leaves to the breeze. Edelweis, rock lants and lichens grow around the water, nd just beyond abound Campanulas, Larkburs, Batchelor's Buttons, Yellow Lilies, nd many other friends of the old fashoned garden.

Lifting the heavy Renaissance knocker nd passing through the arch taken from n old church, one enters a small corridor, aved with tiles and surrounded by domed, ough plastered walls. From here one eaches the hall through a second arch of reestone. This hall is fashioned from ld oak that was formerly part of a Dutch vind mill. The timbers, the boarding, he staircase (built on the Zuider Zee), he door-frames, and the floor are all of he same massive oak. It is a splendid room, specially at night, when the arches are hut against the outside world, and the opper chandeliers fill it with soft light.

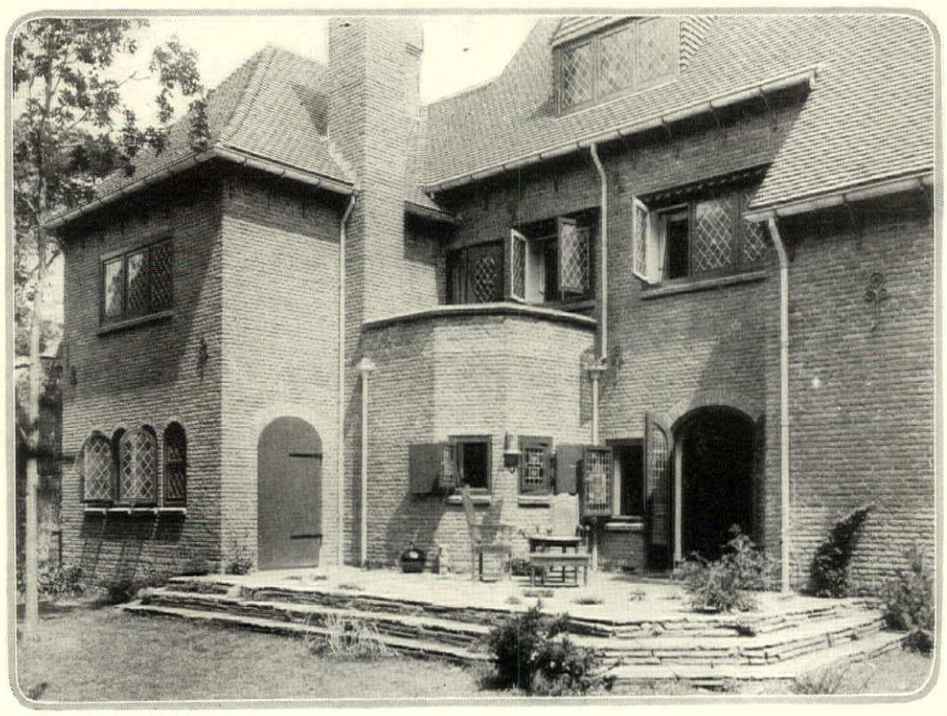
Most of the windows in the house have ld leaded panes, many of them being nameled with a date, coat-of-arms, or ainting in Gothic style. In the hall a helter is arranged round a small hearth vith brick-wood. Here stand some old oak church pews, now comfortably cushioned, nd several easy chairs. An antique jesse ightens this corner, and a lovely old paintng and some sweet smelling flowers make t more attractive. In another corner stands small writing desk, several chairs, and helves of books: invitations for an hour's

(*Continued on page* 86)



The living room is rough plastered, beamed, appropriately furnished and set with a tiled fireplace under a great supporting lintel of old oak

The Gothic note creeps into the architecture through the row of three living room windows, arched, leaded, with ingeniously hung shutters



The view of this interior angle wherein lies the paved terrace shows how naturally international is architecture, for this contains much that is distinctly in the manner of modern English work

SOME OF THE LESS FAMILIAR IRIS

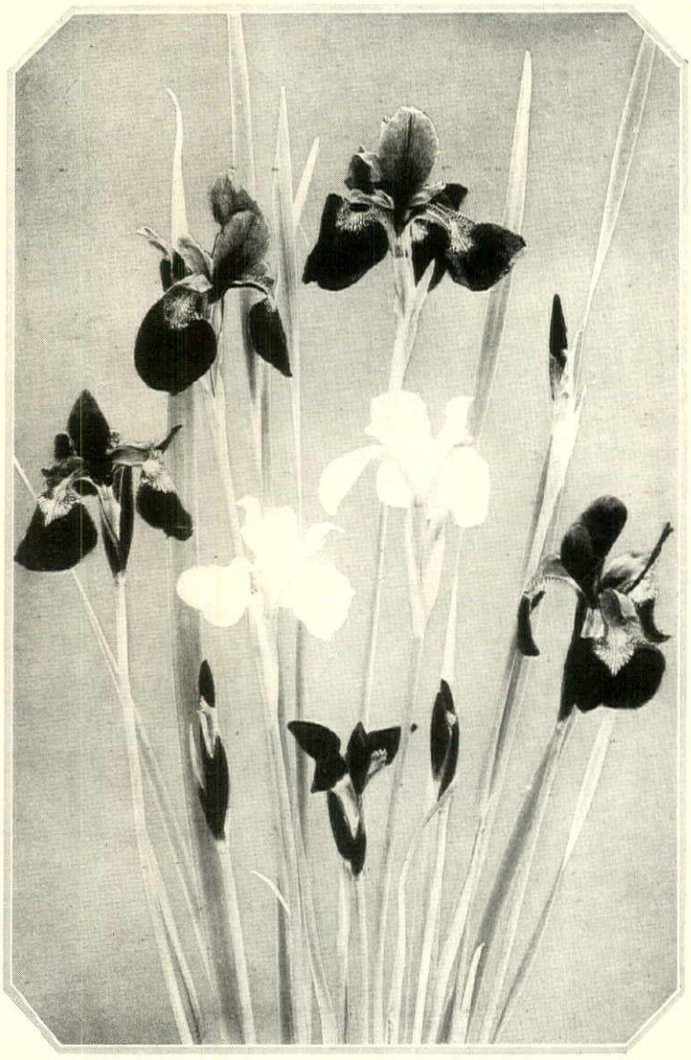
Varieties from Strange Lands, and New Ones of Domestic Origin, Offer Their Rewards to Gardeners with Skill, Patience and Enthusiasm

R. S. STURTEVANT

THE popularity of the Iris cannot be downed, even with the many restrictions put upon its importation by Quarantine 37. With the Peony it stands at the head of the Perennials, and having the advantage of being of a more varied and versatile family it probably commands more interest than its rival. At present our interest seems centered upon the Bearded Irises, the so-called German Irises of a few years ago, but each year I note that more people are asking for information concerning our native Flags, the grassy Siberians in their various color forms and even in the rare Regelia and Oncocyclus species from Syria and Turkestan, things not so easily grown in the everyday garden.

Iris siberica and its allies are of the easiest culture in all but the driest of soils. One may naturalize them in a moist meadow and though proverbially they dislike lime they often thrive in an ordinary well-limed garden in delightful combination with Lupins and yellow Lilies, or other perennials. They are representatives of the great Apogon or Beardless section of the Iris family and therefore close relatives of most of a our native species. Perry's Blue Emperor, Red Emperor, Snow Queen, and Alba are outstandin varieties and reveal a pleasin range of color, height, and size while for yellow we might ad the vigorous growing *I. pseuda corus* of the English stream sides. Plant in spring, or afte flowering if the divisions can b well watered.

Iris cristata, my second choic for every garden, is quite a dif ferent affair, a wee plant for partially shaded edging onl surpassed in delicate beauty b its Japanese relative *Iris graci lipes*. The latter forms grass tufts some 8-12 inches in heigh while our American habitant i a quick creeper four to six inche high at most with a smoot flowing effect of foliage studde in early May with spreadin pale pink-lavender flowers. I these species the base of the fall or horizontally-carried petal i crested, not bearded, and in *I cristata* the crest seems to b edged with a vivid orange i sharp contrast with a white do and the lilac center. This littl beauty likes a light soil com posed of gravel and humus suc as we find in the open woods o



The tallest of the Siberian Irises above is the great blue Emperor variety; the others are I. siberica Snow Queen, with orientalis below

Not a showy variety but one with the fragrance of a plum is Iris graminea. The flowers are blue-purple, the leaves are evergreen

This red-purple Iris Dorothea K. Williamson grows to a height of five feet in suitable soil and its petals attain an eight-inch spread

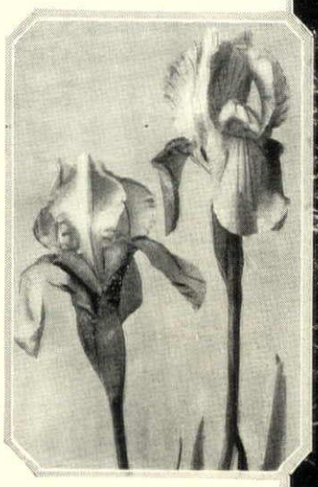
s native habitat in Kentucky; it likes semi-hade also. Spring or early summer is the est time to divide the clumps. In England uch moister conditions are recommended or *I. gracilipes* but it grows thriftily with . *cristata* in my rock garden.

Iris graminea seems to thrive under any onditions and my plants seem happy on a lope with *I. cristata* or down by the pond vith the Siberian. It is not a showy *Iris* t all but its fragrance, variously described s that of an apricot, or a plum, makes it vorthy of a corner in the smallest garden. The grassy leaves are shiny and ever-green, e flowers half-hidden but delightful in eir contrast of red- and blue-purple when rranged in a low bowl for the center of a ble.

Iris Dorothea K. Williamson a hybrid etween *I. fulva* and *T. foliosa*, two na-ves of our southern states, seems to thrive all gardens. It is truely magnificent both its rich purple coloration and its eight ch spread of petals. In my rather poor arden it is perhaps two feet high but others port at least five and I suspect it is one of ose things that dislike lime and thrive on e richest of nourishment and a wealth of ater at the flowering season. It is a seed-ng raised by E. B. Williamson of Bluff-n, Indiana, but Mr. Dykes has produced milar colors in England.

With *I. hoogiana*, of the Regalia species, e are dealing with a real beauty and a ite docile plant. Curiously enough it was rst described by Mr. Dykes in 1919 and ready has become one of the outstanding ecies for the garden. The two to three wered stalks are slender and the cool ay-blue or blue-lavender blooms seem vathed in stiff satin so wonderful is their xture. With me it grows fairly well in dry part of the garden in good gravelly rden soil but the usual recommendation r these fickle fairies is not only through ainage but a heavy application of lime d even a covering of glass to provide a fficiently dry condition for proper ripen-g of the rhizomes in the summer. In ngland it is necessary to take up the plants me weeks after they flower, store them in dry place and replant them in early Octo-r, late enough to prevent a fall growth leaves.

These are but a few of the unusual ises available. Some, in fact, must be ported under permit, but slowly The merican Iris Society is developing an in-rest in something other than the ordinary earded Iris and another decade should d many species well-distributed in gar-ns throughout the country. Already there e many American hybrids of divers ori-ns and their distribution is dependent holely upon the public demand.



One of the rarest and choicest Irises is the variety Hoogiana of the unusual Regalia species

The blooms of the English Iris have a distinctly individual shape and coloring. One of the handicaps to them is Quarantine 37

The flowers of I. Korolkowi are usually a dull red-purple veined throughout on a white or creamy ground. It is a diverting curiosity

Netted Iris, I. reticulata cyanea, is a difficult variety to obtain, but once in the garden it becomes one of the most interesting and satisfactory kinds

EVERY YEAR—THE QUESTION OF STY E

A Discussion of That Essential Quality in Architecture Which to Most People Seems to be Elusive

MATLACK PRICE

THE great adventure of building a house seems not unlike the other great adventure, ever old and ever new, of getting married. And, similarly, it seems as though no other person's experience, or the sum total of all the world's experience is capable of furnishing the answer to the individual.

Often enough people come to feel that they would like to get divorced from the house they have chosen because they feel that they have chosen the wrong kind. The wrong "style". The truth is that all styles are right and that it is the people who are wrong. They are wrong, that is, in their choice; often in their manner of choosing a style; often the first is a result of the second. Choice, when it is definitely made wrong, represents an error in judgment; a wrong manner of choosing represents an error in method. Sometimes people err both ways.

Be which as it may, every year arises the question of architectural style, and always it seems to be a new, fresh, hitherto unexplored question, as though the house our friends are planning, or at least hoping, to build were the first house that had ever been built in the world. Perhaps they would be better off if, indeed, it were the first, because then they would not have to choose whether it should be "Colonial", "Spanish", or "one of those picturesque little English cottages".

SOME people pick the right style, others happen on it by luck; others, through indecision, pick the wrong one, while still others, by using a definitely wrong method, inevitably get the wrong one.

One outstanding and important truth is that the choice of an architectural style for a house you are going to build is not a matter of picking. Still less is it a matter of chance. Even though a selection of several architects may show (as they do today) a full line of "patterns" in architectural styles, the choice is not so simple as picking a wallpaper pattern—and, for that matter, a great many people pick the wrong wallpaper pattern.

Styles, especially in architecture, are so fundamental in their nature, that for each individual who is about to build a house, the right style exists, whether or not he finds it in time.

How is he to find it? I have spoken of wrong methods, of which there are many. One of the worst, because it seems so safe, and because it so agreeably shifts the weight of responsibility, is to get some bad advice. Ask all your friends what kind of a house you should build, and each one will tell you something different. Their advice being incompetent, they will probably all be wrong, and if one chances to be right, there will be no way of knowing it. In the matter of advice on this point, the first man who could really be relied upon for a helpful and intelligent answer is usually the last man consulted, if, indeed, he is consulted at all. He is an architect.

A second wrong method is to select an architectural style because it seems to be "the latest thing". If you hear, in gossiping about houses, that "everybody is building a Spanish house this year"—that may very well be a good reason for not building another. It is certainly not any kind of a reason why you, or any other individual, possessing individuality, should build a Spanish house this year—or any other year.

One reason why the question of architectural style seems yearly to reappear as a question, is that styles do not mean enough to us. Generally speaking, they do not mean anything. We should react to them as definitely as we do to people; the origins and social, human connotations of styles should mean something to us. For the most part people do not even know enough about architectural styles to know whether they like them or not.

As a guide toward selection the kinds of points to consider are that there are styles connoting large houses and other connoting small houses; styles formal and informal; styles strongly connoting an historic period, and other connoting no definite period; styles native to certain localities, and others which might be found anywhere.

THE recommendation to choose a style for your house in accordance with the locality in which it is to be built, is an excellent one if there is an attractive and adaptable local style as a basis. In relatively few parts of the United States, however, do such styles exist. New England, of course, is well supplied with a variety of Colonial and Early American types; similarly Pennsylvania; New Jersey and New York have their Dutch Colonial types, and in California and Florida there is ample license for villas and bungalows in Italian or Spanish character.

These, as types, are definite kinds of architectural styles; not so definite, but very important, are the degrees of thes different kinds. And the matter of wha degree of a certain style you will selec should be determined by the kind of liv ing you mean to do in the house, just as th choice of the style itself should be deter mined by the same thing.

There is a kind of living that is typifie by a gate-leg table, Windsor chairs and ship model on the mantelpiece. And ther is, quite as definitely, a kind of living th is typified by a ten-foot Italian table c carved walnut, gold-brocaded chairs an a polychrome Italian Terra Cotta on th mantel-piece. The rightful dweller i either of these houses would not be happ in the other—unless, as is often the cas the man with the gold brocaded chai was bluffing.

One of the worst results of picking a architectural style for a house arbitraril or on bad advice, is that the style will g far toward dictating living terms to th owner, through its imposition of style the furniture. And people are likely be far more unhappy living with the wron kind of furniture than with the wron kind of architecture—because the furn ture is closer to them. They feel its im plications more intimately.

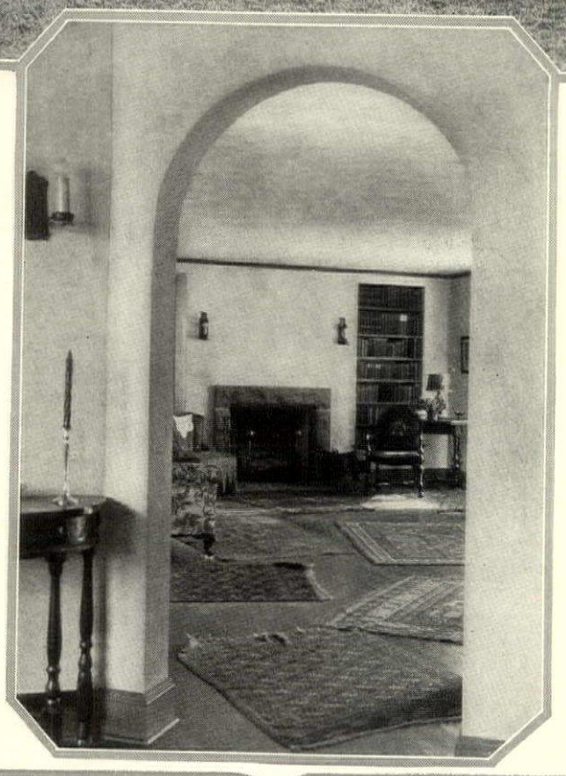
THE kind of living people find mo happy is the kind to which they a most naturally attuned, temperamentall socially and financially. Their tastes this most important matter, their kind living, naturally synchronize with th tastes in furniture, and in the whc character of the interiors of the house th would live in. And exactly at this poi they should find their answer to t question of style.

After all, they are going to live insi the house, not outside, and they are more likely to know what they really li in furniture, because furniture is nea to them than architecture; it is alm articulate; it almost speaks our o language, while architecture still needs interpreter. Logically, the language furniture is the language which w interpret to people that of architecture; they will listen to it, and be patient a observing.

The seeker for a style, then, will f balance all his personal valuations, personal tastes, and will so determine, w a fair degree of exactitude, what man of living he most enjoys, in thought a

(*Continued on page* 84)

The home of C. A. Bayler, Jr., at Richmond, Va. is an unusual adaptation of the English cottage style to an American countryside environment. The heavy shingled roof is laid irregularly to simulate thatch

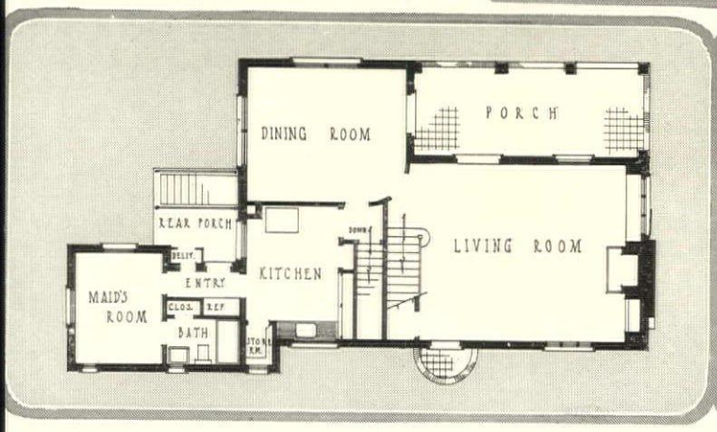


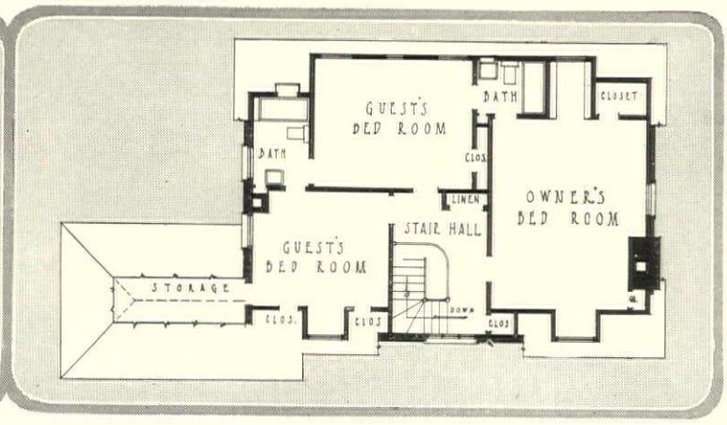
The spirit of the exterior architecture has penetrated the walls to the interiors. This glimpse of the living room through the dining room door shows the simple lines of the stone fireplace and the plaster walls

THREE PAGES *of* INTERESTING HOUSES

There is no hall on the first floor as the space is given to a large living room with stairs well placed at one end. W. Duncanbee was the architect

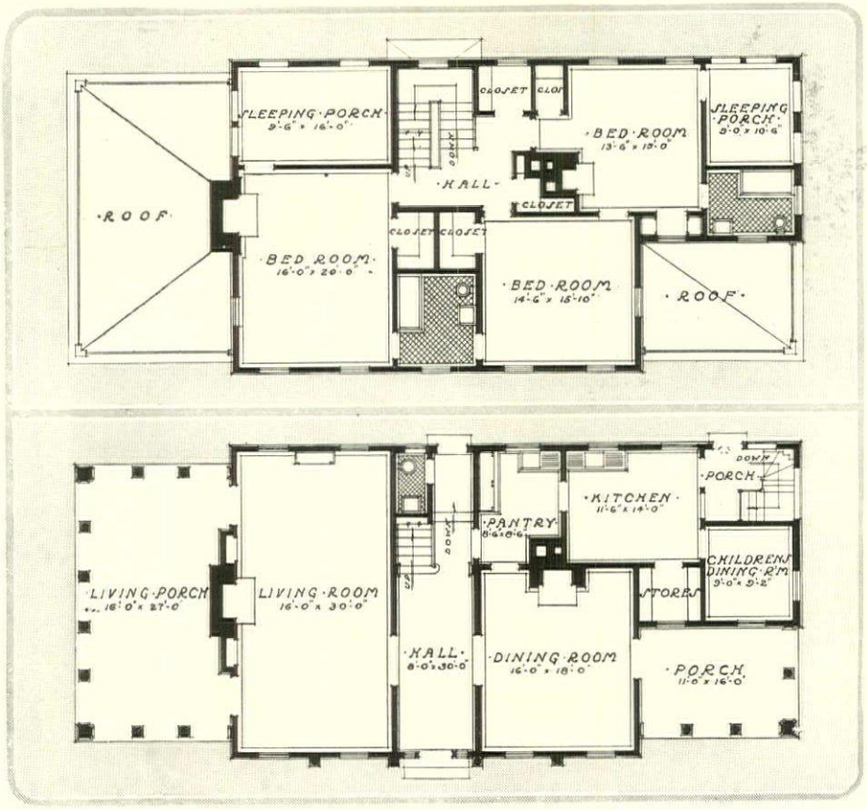
The same irregularity of plan is found on the second floor, with a pleasant disposition of rooms and a very economical handling of space





In its general mass this house reveals nothing more unusual than fine design, but what might be called its applied architecture gives it qualities of only too seldom encountered rare grace and charm

A broad pediment rises from the eaves of the front façade on slender columns set close against the face of the building. The two which flank the doorway show how nicely their scale has been handled



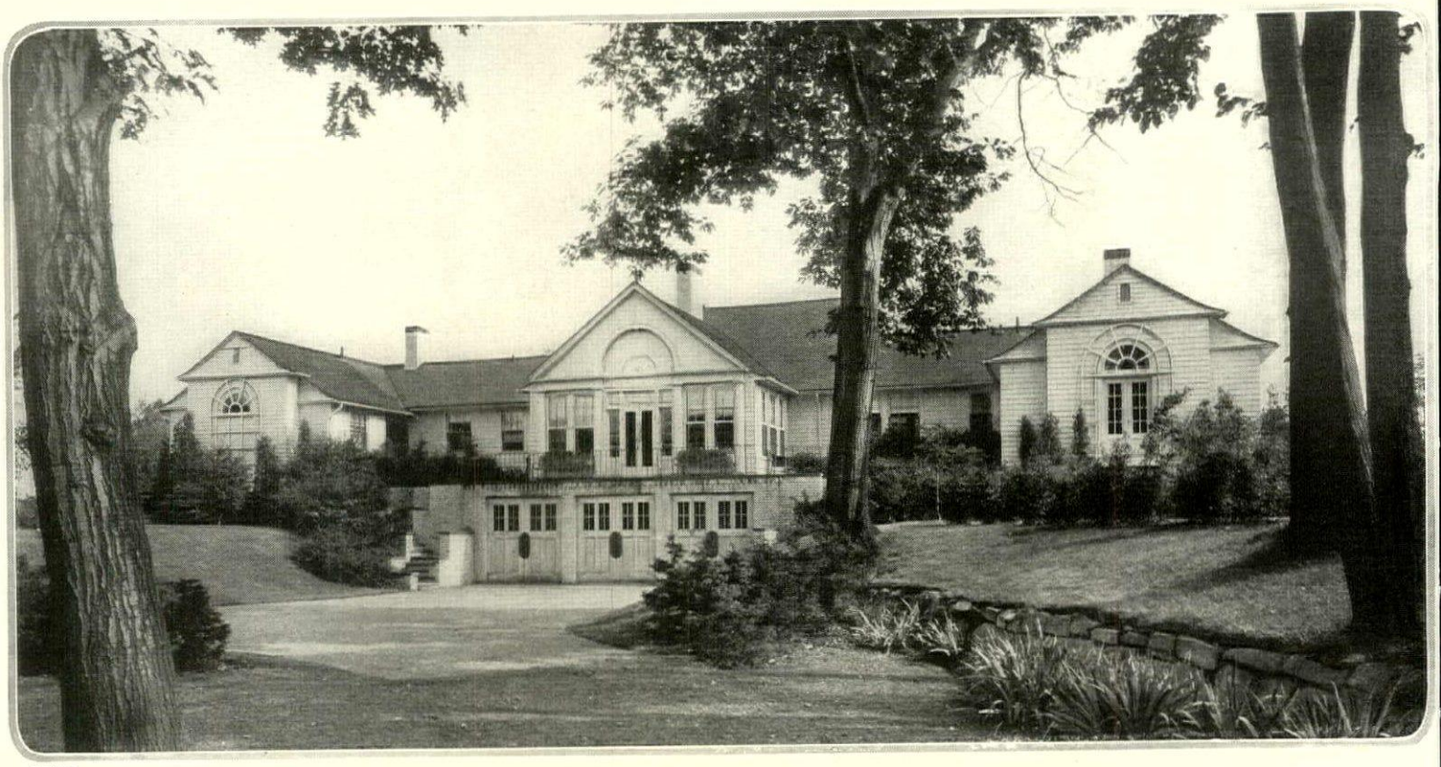
The rooms on both floors of the house are planned on generous proportions, so that one gets from them a sense of airiness, coolness and the utter absence of crampiness. Yet with this grateful quality there is no feeling that space has been used without real economy

The view below in the living room shows the beautifully designed mantel and paneled wall space above. Flanking it are recessed bookcases which, in turn, as may be seen from the plan opposite, are flanked by French windows leading out upon the arcaded porch

One of the loveliest features of the house is the porch which adjoins the living room. Its series of arches have a fine rhythmic flow. The three arches on the front are balanced by the three on the small porch at the other end of the house. Henry Neuman, Atlanta, Georgia; owner

THE GRACEFUL TRIUMPH OF ARCHITECTURAL DELICACY

HENTZ, REID & ADLER, *Architects*



Ellison

The contour of the land and the location of the house decided the position of this three-car garage on the level below the middle section. It is on the place of Paul C. Krochle, Euclid, Ohio, of which Dercum and Beer were architects and William Pitkin, Jr., landscape architect

EQUIPPING THE GARAGE

The Proper Housing and Care of Motors Assists in the Problem of Home Transportation

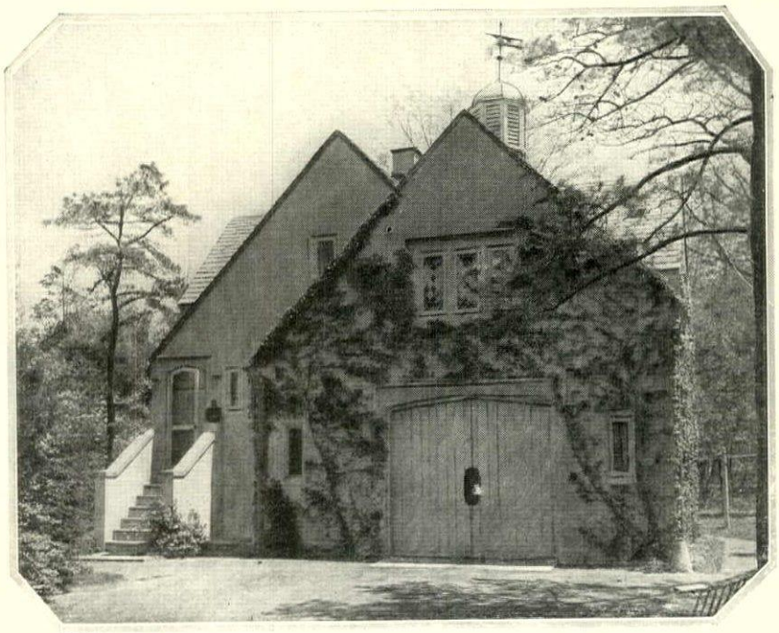
ALEXANDER JOHNSON

ONCE the home garage represented a shelter for the family car and nothing else. Utility was the sole aim and end, with the result that the garage was usually an eyesore, which detracted from rather than added to the value of the property as a whole.

Happily that era is gone and the home garage may now be made quite as attractive as the house, to the service of which it contributes so largely. To attain the dual ends of utility and attractiveness, the house owner must bring to bear both ingenuity and taste.

Architects now generally plan the garage along lines that conform to those of the house, of which it is an annex, so speak, on an integral part. Indeed, within the past few years it has come to be common practice to include the garage within the house itself. This idea has many advantages. The car owner and his family have access to the car without leaving the house, an important advantage especially in a country where almost half the families have their own motor transportation system and rely upon it for most of the day's and the night's duties and pleasures. The motor car has become so deeply intrenched in our American life that it is appropriate that we should give it a place under the same roof that shelters us.

As a general thing the garage built into the house is planned with the house. It is important in this connection to see that all local fire and safety ordinances have been complied with. In most cases a fireproof wall and ceiling must separate the garage from the house proper. It will be found that incorporating the garage in the house is an economy in building, since it is easier to add another room to the home than to build an altogether separate car shelter.



White

The Tudor aspect of this garage and chauffeur's quarters is taken from the architecture of the house, the home of F. R. Ford, Essex Falls, N. Y. Michael Stillman was the architect

Presuming that the house owner has an architect with taste enough to make the garage attractive, there are still a number of technical problems to be considered. In the first place it is a mistake to build a garage to the minimum requirements. Most American car owners like to do as much of their own work as they can. We are a mechanical nation, with a national affinity for "tinkering". This being so the garage ought to provide room for a work bench, with elbow space to work around the car. The car will have an over-all width of approximately seven feet. To allow room for a work bench and three feet clearance on each side of the car, the garage must be pretty close to sixteen feet wide. Cars vary in length from about ten feet to twelve or fourteen. This means that the garage should have an inside length of somewhere between seventeen and twenty-four feet.

It is unwise, also, to build a garage to the specifications of a certain car. You may own a vehicle ten feet long this year, but next season you may be sporting one of the big fellows that need considerably more room.

However, a garage for one car with dimensions of sixteen by twenty-four feet is a pretty generous minimum. You will be safe with that, but when you are building, give more than a thought to the advantages of making it a two car garage, instead of providing merely for immediate necessity. You may find that you need an extra car yourself in a year or so, and even if you do not it is always desirable to have space for a friend's car in this country of universal motor-visiting. The expense of making the garage big enough to hold two cars instead of one is not great at the time of building. To enlarge it later will cost more.

The two car garage does not have to be twice the size of the single car shelter. As a matter of fact a building twenty-five feet across by twenty-four deep will comfortably hold two cars with three feet of space between them.

The garage door should be at least nine feet wide, for the one car building and double doors should give the same space for entrance for each car in the two vehicle building.

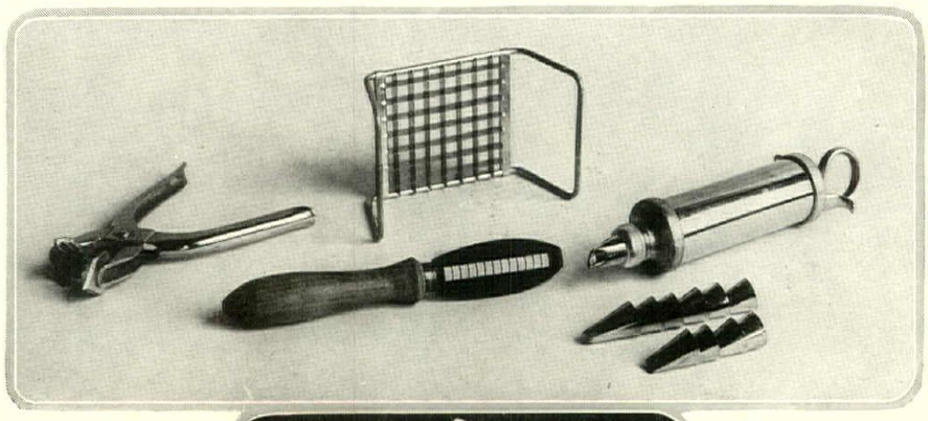
Concrete is the best floor material for the garage. If the car owner does a great deal of his own mechanical work, it is an

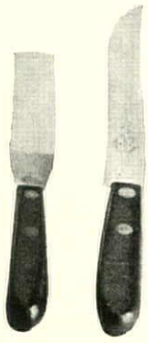
(*Continued on page* 92)

Tebbs & Knell

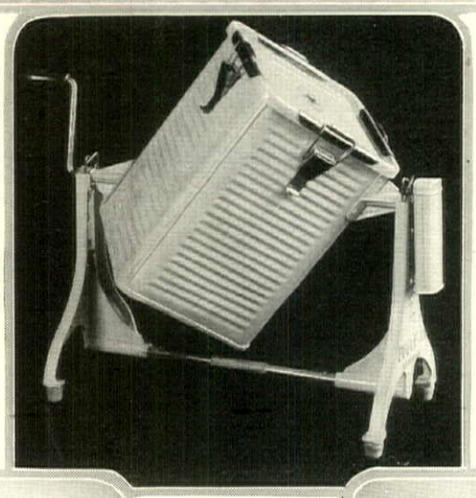
Simple and yet architecturally pleasing is the garage on the place of G. C. Price, at Charleston, West Va., of which Dennison & Hirons were the architects

Barns that are remodeled for garage purposes, such as this example, require architectural ingenuity to give them character. A. C. Holden & Associates, architects

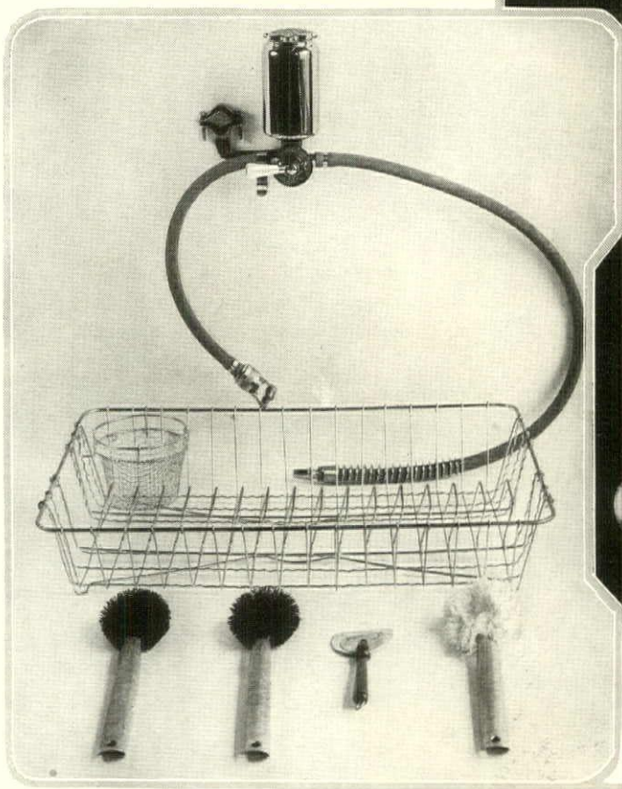




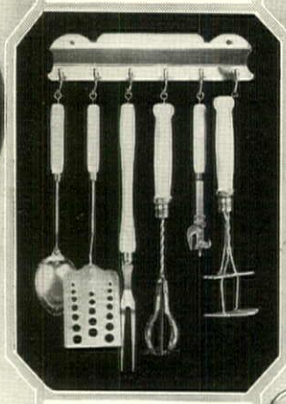
Shown at the left and right of the picture above are some stainless steel kitchen knives. There are four in the set and one fork. $3.89. Right. This small machine is intended for the fine clothes that require careful washing. 20 inches long, $15.50



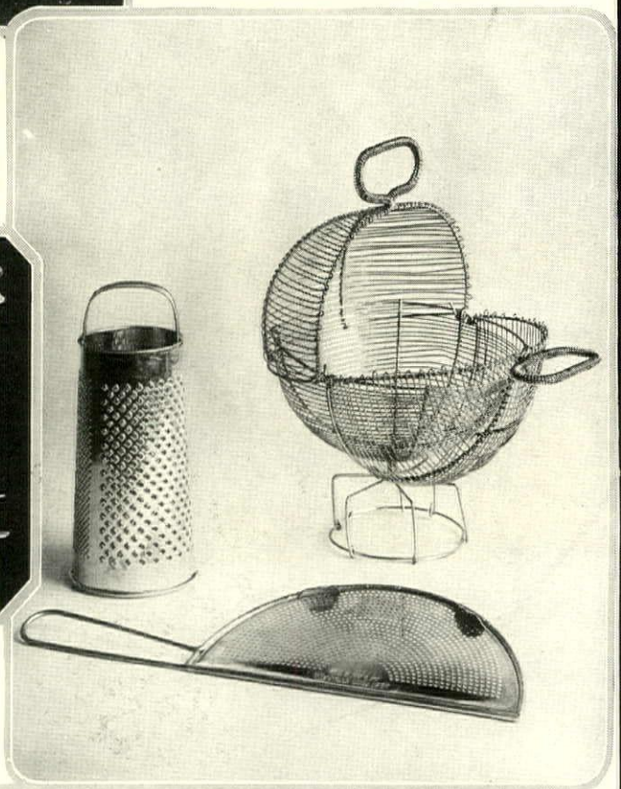
Above center. Left, a cutter for scalloping the edges of grapefruit. $1.75. French fried potatoes are a simple matter with the cutter at the top. The other cuts "shoe-string" potatoes. $1.75 for both. Decorating instrument and tubes, $3.25



Below. This set of utensils should be in every kitchen. Tin, with handles of white enameled wood. Price $1.74



Left. This dish washer fits any faucet. Complete with drainer and brushes. Price, $18



At the right is an aluminum dripless broiler. This is placed over the flame and the juice from the meat is caught in the trough. Price $3.49

A practical grater with fine, medium and coarse surfaces. A wire basket for washing salad or berries. Strainer. The three, $2.30

At the left is an aluminum steam poacher. Remove the egg cups and plate and the poacher becomes a frying pan. Price, $2.14

Dana B. Merrill

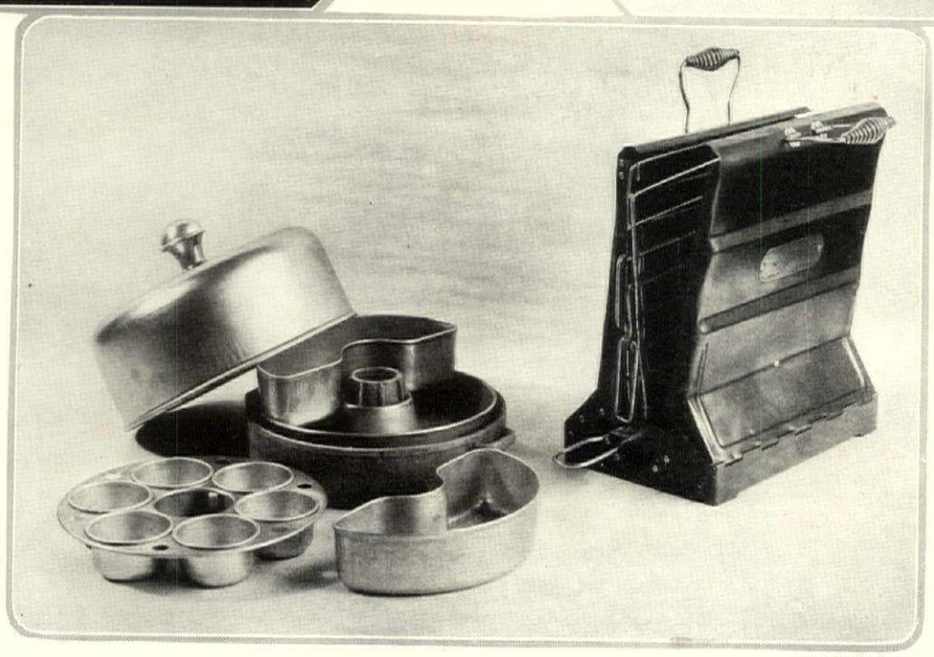
SEEN IN THE SHOPS *for the* KITCHEN

The electric cooker above roasts, bakes, broils and does all that a large range can do. It can be connected to any electrical outlet. Complete with all aluminum utensils, $33.25

This white enameled tin bread box is fitted with a bread board and a tray underneath to catch the crumbs. Price $5.39

et of six crockery cook-g bowls with blue band ecoration, $2.19. A orcelain rolling pin in-res the lightest kind f pastry. Price $1.64

A set of four tin containers can be painted to harmonize with any kitchen. $10.50. The tin spice set of seven boxes painted to order. $5.25



ight. This bake pot s over a single burner top of the stove and kes potatoes, apples, ke, biscuits, etc. $6.20. he broiler is $4.75

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Dana B. Merrill

THE KITCHEN OF THE COLONIAL HOME

A Glimpse of This Primitive Room Which Was Once the Social Center of the House

JANE TELLER ROBINSON

THE story of the early Colonial home begins at a big flat stone. This, the hearthstone, was the center of the home, of its growth, its industries and its social life. Around it was built the large fireroom or kitchen, and above that, often, a half-loft. The house itself, in primitive times, was fashioned of logs clinked with mud and moss. Sometimes its owners were able to seal the house inside. The kitchen floor was sanded; overhead were the open rafters. A very primitive home, to be sure, but still a home, and the center of it the hearthstone.

The pioneer who had left behind him not only the oppression of conscience but the tax oppressor as well had good reason to appreciate this free hearthstone. In the old country every hearthstone was taxed. It was not uncommon for the clergyman, in those early days of America, to offer up thanks for the hearthstone.

From the beginning and regardless of additions, the fireroom or kitchen remained the principal room of the house during early Colonial days. It was the family sitting room, and the center of all the household industries—spinning, weaving, candle-making and soap-making. It was the bakery, the cookery, the bathery. Frequently one or two settle beds, or slaw beds, which let down from the wall, were placed in the kitchen to meet the emergency of the extra guest, or, in large households, accommodate apprentices and indentured servants, although the master and mistress of the house often slept in the warmer air of the kitchen and relegated the servants to the rooms above. It was in the kitchen that the quilting bees were held; shucking parties and harvest home celebrations were also frequently held here.

The room was necessarily large, and was frequently enlarged from its original dimensions as the family increased and the neighborhood became more populated. In some instances where houses were large enough to afford a separate living room, the kitchen was located in an ell. In Southern Colonial homes the kitchen was often an attached building.

The fireplaces in these old kitchens were usually enormous caverns, some in New England being ten feet or more deep. Settles were often placed on each side. The back log was often dragged into the kitchen by a two horse team, and swung into the fireplace by a crane with a block and tackle. This back log would last for days and during the winter the fire never went out.

The cooking capacity of one of these old kitchens is a thing to marvel at. There are records extant of patriotic and religious meetings where from five to six hundred people were fed.

The kitchen utensils of the period which

The kitchen of the author's home has been restored to its original Colonial glory, with brass and pewter, crudely fashioned iron and the old furniture

M. E. Hewitt

In the Baltimore Museum of Art the kitchen furniture of that section has been assembled much in the manner in which it was placed in the early kitchen

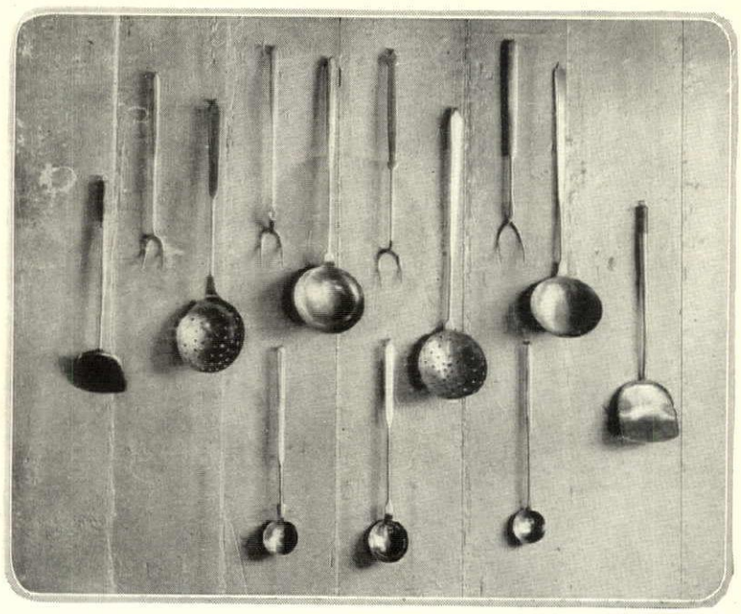
have been preserved to us indicate a degree of invention and craftsmanship truly surprising. When we remember that these early settlers had no factories, steel mills or metallurgical depots, that copper and brass was worth more then than silver is today, that the blacksmith smelted his iron ore in a home-made furnace and produced steel in a small charcoal furnace, the enormity of the task of making even the necessary cooking tools is not to be minimized. Such specimens of steel, brass and copper as have been collected were made with the same fidelity to fabrication and design as is the silverware for which Paul Revere is famed; and yet these utensils were made by country blacksmiths or traveling artisans.

In the earliest Colonial days the table plates were made of wood, and were known as trenchers. The drinking vessels were made from either wood or horn. Later pewter became common in the Colonies, and the traveling pewterers, carrying their spoon and dish moulds with them, together with a supply of metal, lived in the homes of their customers and there executed orders for whatever platters, plates and spoons the family happened to need.

These itinerant blacksmiths, cabinetmakers, tinsmiths and weavers who traveled over wide areas, living for weeks and frequently months in one community, were the news gatherers and newsmongers of the early nation. When the day's work was done, neighbors from far and near would gather into the kitchen to hear the reports from the outside, as retailed by these itinerants. It is said that these men were largely responsible for stirring up the spirit of the revolution in the Colonies, and many of them became military leaders and fought with great distinction in the Revolutionary War.

From this picture of the primitive American kitchen to our modern and utilitarian gastronomic laboratories is a wide leap. We may sigh over the romance of those early days, although it is very much to be doubted if we would care to live through them. The primitive Colonial kitchen belongs in the museum or in those old houses of which it originally was a part. To restore and preserve such ancient kitchens should be the pleasurable hobby of the owner and collector. To bring together the old pewter and wood, the burnished brass and copper, the crudely fashioned

(*Continued on page* 90)

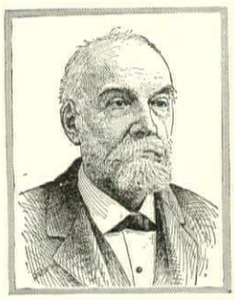


Cooking ladles, forks and skimmers form part of the author's remarkable collection in her Colonial kitchen

The GARDENER'S CALENDAR *for* AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
This Calendar of the gardener's labors is designed as a reminder for his seasonal tasks. Though planned for the Middle States it shou'd fit the whole country if for every hundred miles north or south garden operations be retarded or advanced five to seven days		*The lady moon is my lover, My friends are the oceans four, The heavens have roofed me over, And the dawn is my golden floor. I would liefer follow the condor Or the seagull soaring from ken, Than bury my god-head yonder In the dust of the whirl of men.* CHIANG CHIH-HO			1. Late celery, cabbage, caulifloweer and kale may still be planted. Use plenty of water when setting out these plants and make a habit of watering them twice daily until the plants show that the roots are established.	2. Flowers intended for cultivation in the greenhouse this winter should be started now. Seeds of various annuals such as stock, mignonette and snapdragon may be sown, or small plants may be purchased.
3. Strawberry beds may be set out at this time, which will bear a full crop of fruit next year. Make certain that both the perfect and imperfect types are planted. This will assure proper fertilization of the flowers.	4. This is the time that special attention should be given to cabbage and other green vegetables on account of the leaf-eating insects. The plants should be sprayed with arsenate of lead to destroy the insects.	5. Early celery should now be ready for use. Banking this with earth is not advised on account of the intense heat. It is best to use paper bleachers or boards for this purpose, blanching only in usable quantities.	6. Neglected ground that is intended for cultivation next year should be broken up. The proper forking or plowing with the subsequent harrowing will remove large quantities of the troublesome rye and twitch grass.	7. Vegetables of the different forcing types may be started for greenhouse cultivation. Tomatoes, cauliflower, lettuce, spinach, parsley, beans, Swisschard and New Zealand spinach are vegetables of easy culture under glass.	8. Bay trees, palms, hydrangeas and other plants customarily used for piazza decoration are usually infested with various aphids and other insects. It is advisable to use tobacco sprays regularly as a preventive of these pests.	9. This is the time that cuttings should be taken of all the various bedding plants such as coleus, geraniums and alternantheras. These plants if carried in a cool greenhouse throughout the winter will make good stock plants.
10. Evergreens may be planted at this time. These are plants that need a great deal of water, so it is advisable when resetting them to saturate the soil thoroughly to restore and encourage activity of the roots.	11. Melons ripening now should be kept sprayed with Bordeaux mixture to prevent blight. It is a good plan to place small boards under the young melons to assure ripening. Allow the melon to leave the vine voluntarily.	12. Bulbs for forcing in the greenhouse should be ordered at this time. Boxes, pans, soil, and other necessary materials used in the forcing of these plants should be made ready, as some of these bulbs are available now.	13. New lawns can be seeded down now. Failure with lawns is often due to the improper preparation of the ground and the meagre allotment of seed. Sow grass thickly, as this will help to choke the weed growth.	14. Hedges of all types, evergreens that have been confined to a form and various plants that are clipped, should be gone over now as growth is about to cease. This will be the final clipping and should be done carefully.	15. Roses showing a substantial growth should be encouraged by top dressings of bone meal or any good fertilizing agent. Though it does not improve the quality of the fall flowers it gives the plant more vigor.	16. There is still time to sow some cool crops in the garden. Several sowings of peas should be made this month, also spinach, cress, radishes, lettuce, turnips, etc. If the ground is dry, water well before sowing.
17. Crops that remain in the ground, such as Swiss chard, parsnips, etc., should have a top dressing occasionally with a strong fertilizer to prevent them from becoming tough. Soluble fertilizers are more available.	18. If you want high-grade dahlia blooms it will be necessary to keep the plants properly disbudded. This means a constant and consistent pinching of the young growth in order to reduce the number of buds.	19. The cane fruits should be looked over at this time. Old shoots on the raspberries and blackberries should be cut out entirely as thest do not bear again. Young shoots for next year should now be tied firmly in place.	20. If you have a greenhouse make up a compost heap of all plants. Use top soil with a good sod growth adding manure and bone meal and stacking it up at a convenient point so that the green material will decompose.	21. This is the time to build coldframes for the fall and winter. Brick or concrete is preferred but a substantial wooden frame will last some time. Next to the greenhouse the coldframe is the gardener's best friend.	22. After gathering the peach crop, spray the trees with Bordeaux mixture to keep the various foliage diseases in check. Trees afflicted with the yellows should be cut down and burned to prevent the spread of the disease.	23. This is an excellent time to go over and prune the shade trees, as it is easy to see how the work should be done. Remove the limbs very close leaving no shoulders and paint the wounds carefully. Make cuts clean.
24. Don't let your flower garden run down. Keep the tall flowers staked and cut out all the dead flowering stalks. Keep the edges trimmed and stir the soil on the surface. This is as necessary now as in the spring.	25. It is advisable to have a small stepladder or at least a box to stand on in order to get at the top of the poles when picking limas or other types of pole beans. It is usually at the top that the greatest yield is found.	26. Newly set out plants that are not growing satisfactorily can be stimulated into growth by application of nitrate of soda, sulphate of ammonia or other materials of this kind. After using these good results will be noticed.	27. Biennials such as foxglove and cup-and-saucer, can be started from seed now. It is good practice to sow quantities of perennials now, carrying them over the winter in the coldframe and setting them out in early spring.	28. Gather the onion crop now. When the tops have died down the onions should be pulled and left in the sun to dry; then the tops can be twisted off and the onions themselves stored in a dry cool place until ready for use.	29. Before cold weather, look over the greenhouse, replacing broken glass, doing any necessary repair work. Be certain the boiler is in working condition, particularly in a greenhouse that was closed last year.	30. Buds will be forming on most of the greenhouse chrysanthemums at this time and strong feedings will be necessary if you want highest quality flowers. Also spray occasionally with tobacco preparation.
31. It is just as necessary to prune vines as it is other plants. All old and unproductive wood should be removed. This will give more room for the younger and more vigorous shoots. Now is the time for this work.						

The seven men whose portraits are shown on the calendar page this month were all prominent figures during the latter half of the 19th Century, ei her in the practical affairs of horticulture or in its literary phases, or in both. Much of what was done and written by them still exists as an extremely valuable record. The reproductions were made through the courtesy of the MacMil'an Co.

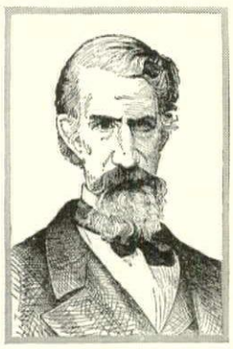


F. M. HEXAMER

A German born nurseryman, who became editor in the 1880's of the "American Garden".

P. J. BERCKMANS

A nurseryman who came from Belgium to Georgia, doing much for horticulture in the South

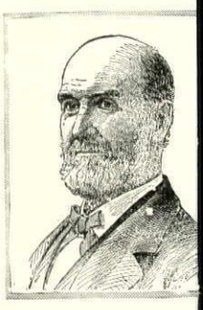


JOHN ASTON WARDER

An enthusiastic horticulturist, once pub isher of the "Western Horticultural Review"

CHARLES MASON HOVEY

A horticultural journalist and nurseryman of Cambridge, Mass., and editor of the "Magazine of Horticulture"

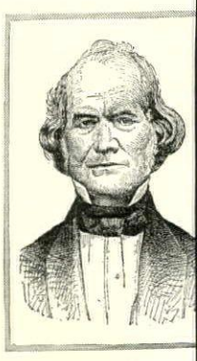


W. H. RAGAN

A well-known nurser man, horticultur st a pomo'ogist of the lat part of the 19th centu

CYRUS G. PRINGLE

A plant breeder a botanist of Vermo who specialized in bul chiefly Iris and Lil



LUTHER TUCKER

The founder and p lisher of "The Ho culturist", whose edit was A. J. Downin

Needle Craft and Candy Craft

The revival of interest in samplers is no doubt due, in part, to the fact that Whitman's Sampler has gone into practically all the tasteful homes in the land, showing on the package a fine example of cross-stitch needlework.

The contents of the Sampler have set new standards of good taste in chocolates and confections, making it the most-discussed and widely-imitated package of confectionery in the world.

If you are interested in Samplers write us for a complimentary copy of "Samplers Old and New," an illustrated reprint of an interesting and valuable article from "The International Studio." We will send also our booklet "On Choosing Chocolates" with suggestions for the social service of sweets.

STEPHEN F. WHITMAN & SON, Inc., Philadelphia, U. S. A.

How to Prolong the Life of Your Linoleum

JOHNSON'S LIQUID WAX

Your linoleum and hardwood floors will look better, clean easier and last longer if you polish them occasionally with Johnson's Liquid Wax. It will make them beautiful—easy to care for—they won't be slippery—and will not heel print.

The Ideal Furniture Polish

Johnson's Liquid Wax cleans, polishes, preserves and protects —in one operation. It rejuvenates varnish and gives a delightful air of immaculate cleanliness wherever used. Imparts a beautiful, dry, glass-like polish which will not gather dust and lint or show finger prints. Johnson's Liquid Wax takes all the drudgery from dusting. It is easy to apply and polish.

$4.90 Floor Polishing Outfit-$3.50

This Offer Consists of

1—Johnson Weighted Polishing Brush *$3.50*
(with Wax Applying Attachment)

1—Pint Johnson's Liquid Wax . . . . . *.75*
for polishing linoleum, floors and furniture

1—Pint Johnson's Kleen Floor . . . . . *.40*
for cleaning floors before waxing

1—Johnson Book on Home Beautifying . . . . *.25*
A Saving of $1.40! *$4.90*

This offer is good at department, drug, grocery, hardware and paint stores. If your dealer cannot furnish the outfit, mail your order and $3.50 direct to us. Use Coupon Below.

Ask for a FREE Copy of the Johnson Book on Home Beautifying at Best Paint or Hardware stores in your neighborhood. Or mail us 10c to cover postage and wrapping.

THIS COUPON IS WORTH $1.40

S.C.JOHNSON & SON, Dept. H.G. 8, RACINE, WIS.
"The Wood Finishing Authorities"

I am enclosing $3.50 for which please send me, postpaid, your special $4.90 Floor Polishing Outfit.

My Dealer is.....

My Name.....

My Address.....

City and State.....

A stable entrance door, on the English country home of E. Phillips Oppenheim. Tubbs & Messer, architects

EVOLUTION OF THE ENTRANCE DO

(Continued from page 56)

employed. About this time we find the introduction of the fanlight, that delightful and typical feature capable of such infinite variety and delicacy of treatment. The fanlight is found both in the square and in the semicircular headed door, in the town as well as in the country house.

As the 18th Century advanced a new influence manifested itself. The brothers Adam broke away from the stern Palladian discipline of the day. They realized that there was a difference between the temple and the domestic architecture of antiquity, and they sought to introduce a spirit of lightness and of gaiety into the houses of their day. We find, therefore, all sorts of new and delicate motives introduced into their doorways. Then came another change. Researches in Greece, by Stuart and Revett, led to the publication of their famous work, "Antiquities of Ath and this had a very great influen the taste of the period, bringing a what has since become known a Classic Revival, so that nothing be so correctly classical in f Doorways became more sedate, the column was generally empl in some form or another.

A feature of this period, too we have now arrived at the Century, was the use of trellis around doorways and above balc It must not be forgotten that the is never complete without its f ture, and extreme care was exp upon the design and choice of a tenances. No man of culture permit his door to be disfigured indifferent metal work, and so w many examples of delightful knockers, handles, and susp

(Continued on page 84)

Two types of entrances are shown in this English country house facade—the service doors with open grills and the house door

V-63 CADILLAC

The Verdict of Veteran Owners

It is a pleasure to observe the delight of experienced Cadillac owners as one after another they *drive* the New V-63.

Many have confessed to us that they deferred taking this ride, because they considered it almost impossible even for Cadillac to produce a better car than Type 61.

But they remembered having this same opinion of Type 59, and so resolved to see whether Cadillac had once more advanced motor car standards.

And they find, as they have found before, that the Cadillac *is* improved, and that it *is* finer. But what impresses them particularly is the extent of this improvement.

The revelation of a ride causes them to praise the V-63 as enthusiastically as new owners who are driving a Cadillac for the first time.

They express special satisfaction at the efficiency of Cadillac Four-Wheel Brakes which assure maximum safety in congested traffic, in emergency or on the open road.

But what pleases them most, and convinces them that they must have a V-63, is the vigorous, effortless performance, the incomparable smoothness and quietness of its harmonized V-Type eight-cylinder engine.

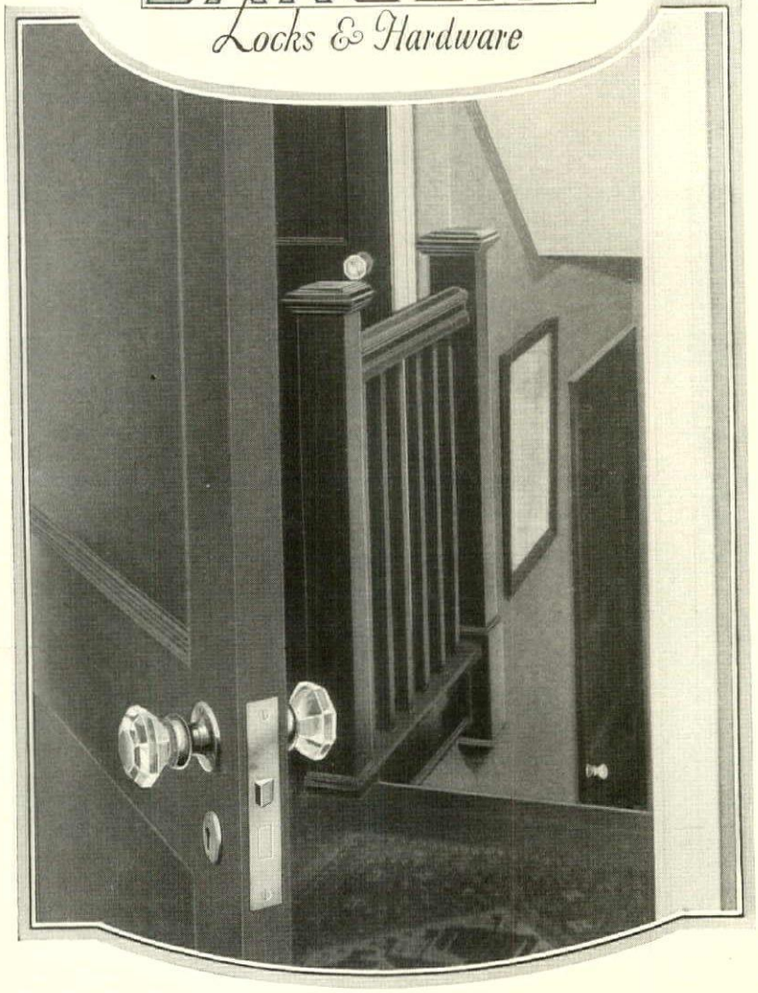
They recognize that not since Cadillac introduced America's first eight-cylinder automotive power plant has there been such marked development in fine car manufacture.

Cadillac values particularly the opinion of these experienced owners and takes deep pride in the fact that they pronounce the New V-63 by far the best Cadillac ever produced.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
Division of General Motors Corporation

Standard of the World

SARGENT
Locks & Hardware



Distinctive knobs of glass to serve the growing vogue

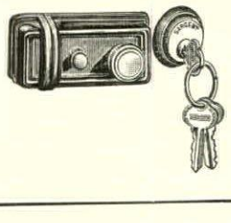
IN THE clear sparkle and pleasing proportions of Sargent glass knobs is lasting beauty. The highly polished and easily cleaned glass is the finest that can be made. It is cut or pressed, as desired, in a wide variety of shapes. The metal attachments are of solid, time-resisting brass or bronze. They connect with Sargent lock and latch mechanism which is unsurpassed for ease of operation and length of service.

There are also Sargent glass knobs in sizes and styles appropriate to Colonial furniture and for drawers or cupboard doors.

Use Sargent knobs, handles, escutcheons and companion pieces throughout your new home. Write for the Colonial Book, which illustrates glass knob sets and hardware of the period. If you are interested in other patterns, ask for the Book of Designs. In any event, select Sargent Hardware with your architect.

SARGENT & COMPANY
Hardware Manufacturers
31 Water Street, New Haven, Conn.

SARGENT DAY AND NIGHT LATCHES
While these handy latches are most extensively used for extra security on the entrance doors of homes, apartments, stores and offices, they also can be used on closet and cellar doors or any interior door that you would make absolutely secure. An exclusive feature is the push-button stop to deadlock the bolt or hold it back as desired.



EVOLUTION OF THE ENTRANCE DOO

(Continued from page 82)

wrought-iron lanterns, sometimes carried on arched supports, and of torch holders, too. Would that the same precise care was exercised today, and then the pleasure of calling at a friend's house would be greatly increased.

After the first quarter of the 19th Century it is no longer possible to follow the development of the front door, or, indeed, of any architectural feature, for revival succeeded revival, and fashion succeeded fashion, until the chaos was established from which we are today endeavoring to extricate ourselves. Since it is the front door which gives the first impression of the house, it behooves those who design it to ensure that it is beautiful and that it suggests friendliness. The front door in the immediate past has often suffered by being overcrowded—there are knockers, letter-boxes, bell-pushes, handles, key-hole escutcheons and the like, many of which may be discarded.

For what looks better than the placid front of a generous single-panelled door; with a well-placed and well-designed knocker and a small discreet lock, with the addition, if a city house, of a letter-box, although this may often, with advantage, be placed in the reveal of the wall, the whole, perhaps, surmounted by elegant fan-light, and framed i simple architrave? If there mus a number, let it be painted in arabic figures on the upper part of door. Attention must be given to steps leading to the door; they mu broad and inviting, and of a m rial that does not easily become e slippery or dirty.

In the country nothing is pleasant than the double doorway outer one of which stands open the day. It is welcoming and yet creet, and seems, as it were, to the house with the garden. But too, attention must be given to de indeed, it is surprising what a nu of doorways, well in themselves marred by such things as fre lettering or stupidly elaborate fitt But the worst offenders are those meddle with the doorway of an house in a foolish attempt to "e ernize" it. Such conduct is not sufficient to destroy the characte the whole house, but also of the e street.

The character of a new door however, can be as diverse as its h owner; let each, therefore, try to his own express the qualities th most admires.

EVERY YEAR—*the* QUESTION *of* STY

(Continued from page 70)

experience. From this, or quite closely with it, he will come to know the kind of furniture, the kind of colors and textures, even the kind of pictures and decorative things with which he would be most happily surrounded.

These interiors he has envisioned will at once suggest a kind of house, a style of house—and there will be the real answer, or very near it. The style discovered, it will only remain then to effect modifications as may be suggested or imposed by locality, the nearness of neighbors, the limit of expenditures, the possibilities of local materials, and other subsidiary factors. If the kind of house is the right kind for any given individual, all other considerations will solve themselves, or prove very easily soluble.

One of the most encouraging phases of architecture as applied to houses, since the war, has been the passing of the old idea of the "show place", of the house whether in country or town, designed entirely to display the owner's wealth and his position, the latter often assumed. There are large houses today, but they are different from those of a generation and two generations ago. The newer large houses fairly well express the tastes of their owners, and do not, with the old theatrical profusion, exceed the a living requirements of their o The old "show places" were too entirely at variance with their o comforts and tastes, and the large houses seem to typify new more sincere and genuine idea living.

This year, as in years past, new houses will be built—and will be next year. And to most prospective builders, while the is still a visionary, indefinite, less thing, will come the old yet new question—"what style?"

The answer may be "not style". Some of the most inter houses of recent years have be designed that they could not be l as being of any specific styl they have seemed to express, th their very absence of too-fa guise, that within dwell peop imagination, taste and intellige

The answer to the perennial tion is not in any book; it is books, but mostly it is in life It is not a secret that two or people know; it is not a formul is it a matter of any outsider's sarily arbitrary opinion. It i dicted on every individual's lif tastes and aspirations, and is pounded from them and of the

CORRECTION

Inadvertently, an article in the May issue: *The Cottage That Grew Up*, which was illustrated by photographs and plans of the house of Warren David Owen, designed by the C architects, Richard E. Schmidt den & Martin, was printed with name of the author, Howell T

NOTE

The Front Drawing Room of the Hogarth House is an unusually fine example of Georgian panelling, and is representative of these famous examples of Georgian interiors.

Size of room:
Width 20'; Length 21'
Height 13'

he Panelled Rooms of the London House of the great English Artist, William Hogarth, have been erected upon our third floor, and we present them for exhibition and for sale.

W. & J. SLOANE

FIFTH AVENUE 47TH STREET, NEW YORK
WASHINGTON · · SAN FRANCISCO

INTERIORS · FURNITURE · RUGS · CARPETS · FABRICS

True Masterpieces

THE furnishings of your living room play an important role in cementing the happiness of the home and in the formation of favorable impressions upon those who are welcomed as guests.

Character, beauty and liveability are to be desired in the furnishment of such a room, and what piece of furniture adds so much to the comfort and appearance of the room as does a handsome table?

Kiel tables, with their exquisite beauty of finish, authenticity of design and enduring excellence of construction are worthy of your earnest consideration as desirable additions to the furnishments of your home.

Kiel Tables assure you of quality and design of the highest order at exceptionally low prices. Inspect them at your furniture merchant's.

A handsome booklet "True Masterpieces", filled with suggestions on home furnishment and illustrated with interiors from a number of America's finest homes, will be sent on request.

KIEL FURNITURE COMPANY
Department A-2 Milwaukee, Wis.

Kiel TABLES

Kiel Furniture Co. MILWAUKEE WIS. GUARANTEED QUALITY

The gable end of the house gains its special personality from the manner in which the windows have been designed and treated

A COUNTRY HOUSE FROM HOLLAN

(Continued on page 67)

or moment's leisure. In the center is a massive table, in rich warm-toned oak, before which stands a large bench in the same wood.

All of the other rooms on the ground floor open into this central hall. The dining room beyond has an oval, sculptured ceiling and is set with an antique table of palisander and satin wood. The curtains are a transparent violet-purple, through which the sun sends in its last rays towards evening. The walls are papered in royal blue; the wood work and chair coverings are black, and the chimney a splendid snow white.

The service department repeats this color scheme in an appropriate manner and is fitted up with every modern convenience. Passing through it you enter the kitchen where the walls are decorated with blue Delft tiles.

Another door from the hall leads into the reception room—a formal apartment. The floor is of comblanchien marble, and the wood work is painted gray. The walls are covered with a silver tissue, the drapes heavy, antique silk. Next to the windows a black fish-net curtain is hung. Amongst gay French furniture, a black bergère forms an interesting contrast. One big cupboard in Japanese lacquer red enlivens the gray and black. The *piece de resistance* is the high chimney, built ingeniously of an old gateway that formerly stood in the Province of Limburg. It is covered inside with violet tiles.

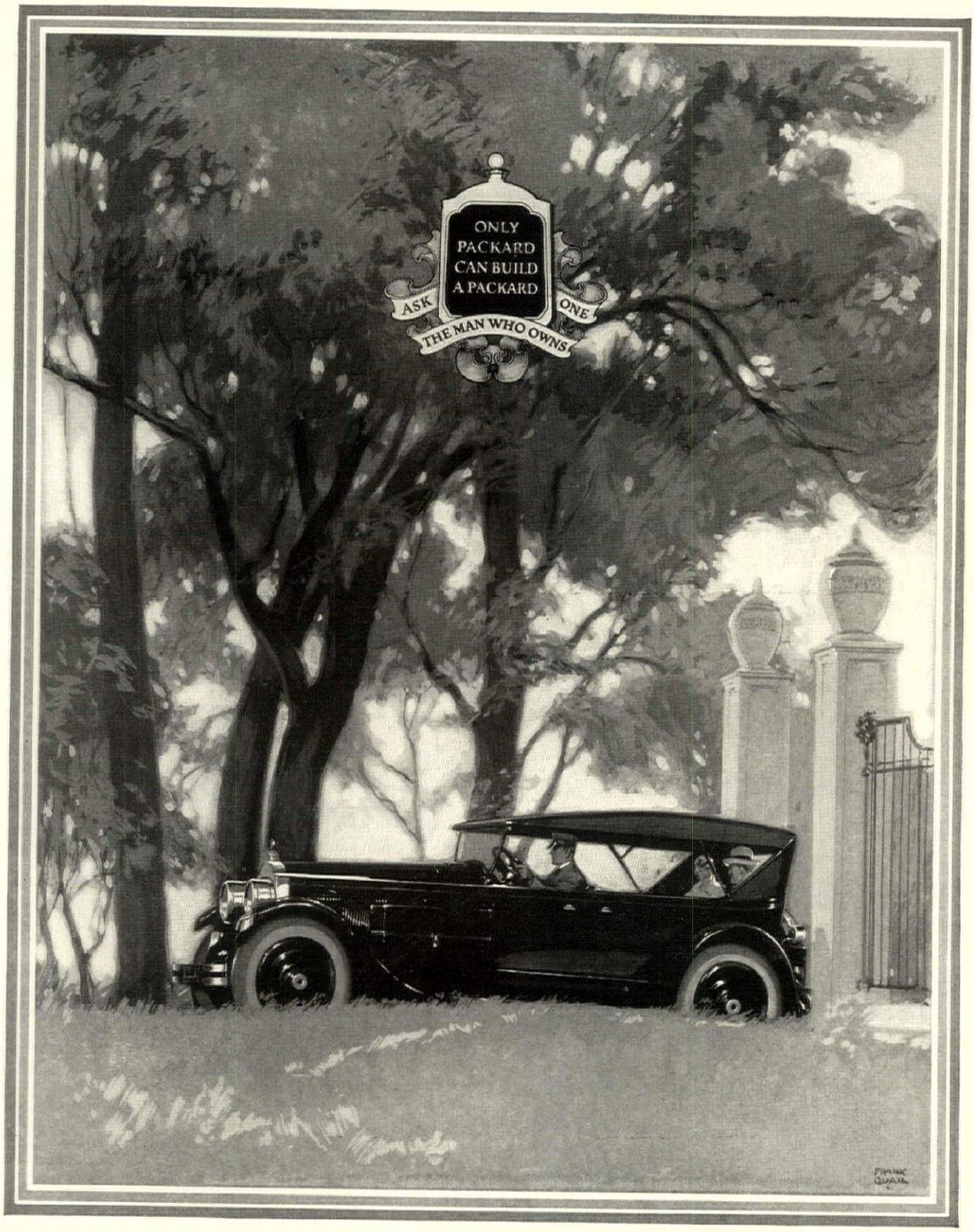
Next to this stately place is the living-room, designed and decorated in domestic Gothic. The window panes, the open fireside with the heavy, oak lintel, the bench and high backed chairs, all follow this style. Old panels from a church cover the walls, and in the center stands a heavy, German bishop's table. The damask curtains are green. In high church candle sticks long altar tapers are placed. A 15th century painting, a Mary-worship, and a Christ Head form the only decorations on the walls.

The main staircase leading from the hall to the second floor is of oak. Precious objects of medieval art are hung along it,—a Madonna with large, pleading eyes, and st slender hands; a little angel of in an antique shrine, and exha Saint Francis in another; a jess fine old candle stick, a study of bein, a holy water font, an beautiful old cupboard with rare c On the landings are soft, Persian

One guest room is in violet, charming, figured wall paper. An is in orange—a splendid backgr for the pictures of Van Gogh an contemporaries, which are hung t It is always sunshine and brigh here despite the many rainy days Holland endures.

The nursery is a children's par The little imps for whom it wa signed sleep in built-in bedstea kind of miniature closet-beds, su the peasants have, but with far light and air of course. At the of each built-in bed are several drawers for the storing away of ish treasures, and above each be hung embroidered lifting ropes. room is done in mauve, white green. There is a nicely colored uring stick, with the different n dates and ages, and a complete robe full of tiny dresses for the family, hung over funny min pegs.

The staircase, leading to the floor is painted a fascinating der blue, the walls plastered floors stained. Here there is an guest room besides several se rooms. This guest room is th called peasant room. The wood is violet, the walls white and so v that when the sun shines it give the impression of sitting in a Dutch, tilt cart, out of Gelde The walls inside the cupboard stead have paper printed with c figures; this sleeping place m shut off with a typical peasant ing. The window curtains ar green, violet lined. An old cup stands against one wall. It is with peasants' pottery and inte copper tiles. One of the least i tant rooms in the house it typif taste which has made the whole a significant bit of design and d tion, full of fresh and original



S U P R E M E

The beauty of the Packard Eight is but an indication of the incomparable quality of its performance.

Here is luxurious riding in a sense and to a degree well worth your while to know.

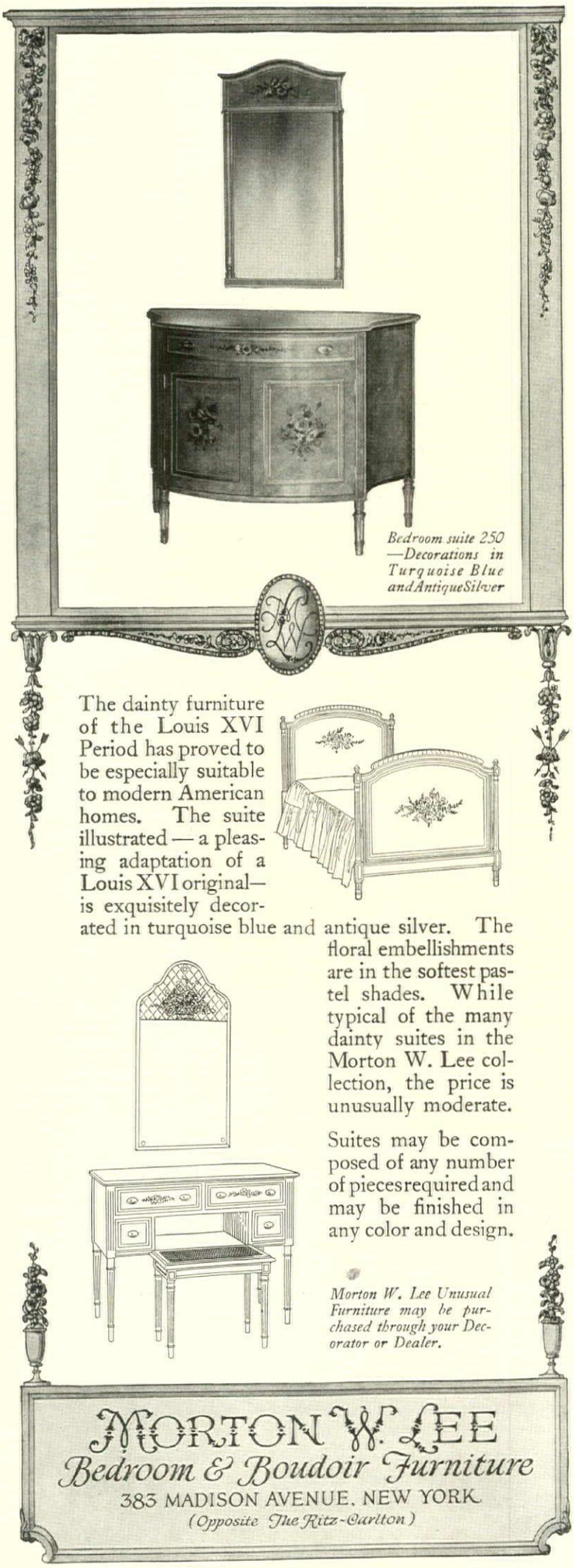
In power and flexibility, the Packard Eight is more agile and eager and unhampered than seems possible for a mechanical thing to be.

Yet with all its power and flexibility and effortless speed, it handles so easily and smoothly as never to suggest strain or sense of effort. It responds to a touch—yet it unfailingly holds the road.

Beyond compare, and without a peer, the Packard Eight appeals irresistibly to those who want the finest motor car in the world.

Packard Eight and Packard Six both furnished in ten body types, open and enclosed. Packard's extremely liberal time-payment plan makes possible the immediate enjoyment of a Packard—purchasing out of income instead of capital.

P A C K A R D E I G H T



GROUND COVERS

(Continued from page 48)

The problem that confronted me was to find plants that would measure up to this standard. Obviously, if they existed, they would be growing in the wilds. So I directed my quest into the woods and untilled fields; and there I found what I sought. Not all at once, by any means. Some years as many as three or four species of promise were installed in my garden which later proved equal to the requirements. One year, however, I introduced five mysterious strangers who seemed to be possessed of the necessary qualifications, but none of them became a permanent citizen. However, my bare spots are nearly all clothed this year and my living mulches are doing everything a good mulch should, and delighting the eyes of all observers, as well.

PLANT TRICKS AND MANNERS

The story of my numerous experiments and soil tests, of the queer behavior in different localities of the same plant, of my surprising successes with several species under absolutely different conditions from those of their natural habitats, and of the many strange "tricks and manners" of plant life, especially with their close allies the bumble-bees, which came under my observation, would not only make mighty interesting reading, but would fill a very sizable volume. But I must be content, in this article, merely to hint at these adventures and to confine myself to naming and describing briefly just a few of the wild plants which, after not less than a three-year trial, have proved to be reliable, thrifty and beautiful as ground covers or live mulches, in the positions and under the cultural conditions named.

There is no doubt in my mind that the partridgeberry *(Mitchella repens)* is the best and altogether loveliest all-around ground cover in existence. It not only meets every requirement specified but has the additional merits of being evergreen and, when in bloom, of diffusing a most delectable fragrance. Classed as a sub-acid soil plant, (meaning one that thrives best in a soil of moderate acidity), it persists, increases and is always daintily attractive in any soil and cares not a whit whether it be located in deep shade or full sun. In the depths of dark woods, where the soil is acid and moist, its leaves are larger, its creeping stems longer, and its habit rather sparse and straggly. But, with increased sunlight, the leaves become smaller and of a yellower green and the plant becomes more and more compact. I have found it frequently on the summits of rocky cliffs, in dry, neutral soil, and full sun, forming dense roundish mats a foot or less in diameter, that carried, according to season, scores of perfumed twin blossoms, or scarlet berries in great profusion. My only suggestion is that, if collected, the plants be dug from localities of similar aspect and character to those in which they are to be established. Potted plants can be purchased of dealers in native wild flowers.

We have two indigenous Speedwells which have proved themse to be worthy of a place in the fr rank of the cover plants. The co mon Speedwell *(Veronica officinal* abundant in our thin woods and pastures and fields, is a trailing pl of compact habit, with bright emer foliage and little spikes of pale b flowers in May. Like the Partrid berry, it grows most luxuriantl perhaps too luxuriantly—in a m erately acid soil, in half shade. I have masses of it growing in po sandy, neutral soil of the ce variety, where it swelters in the all day long, and after three years this dog's life, it seems perfectly home there and entirely conten The plants are not quite so sprea perhaps, but the color is just as bri a green and the flowers just as d cately blue. In fact I think it is thriftier under these adverse circu stances, than the plants of the fi which have to fight with the r grass for their very existence. Wo land plants are very easily tra planted and are plentiful everywh This Speedwell is larger and coa than the Partridgeberry and be adapted for rough banks and a living mulch under trees and shr

The little Thyme-leaved Speedw *(Veronica Serpyllifolia)*, a deni of low, wet, mucky or grassy pla is a perfect gem as a cover. No pl in my garden excites more curio and few are more admired. Its o opposite leaves, smaller than those the Partridgeberry, are a dark gl green and are arranged in flat de mats from which, in May, sprin profusion of tiny, pale blue flowers lilliputian spikes. This is one of m wild plants, which although t natural homes are in water-soa places, flourish equally well in latively dry situations and are not least bit finicky about soil or expos I came to the conclusion many y ago that such plants make their ho in the mud simply because mud is only kind of dirt that will c their seeds to germinate. The card flower, which is considered a fine s ject for the hardy border, is (li ally) a glowing example of class. The Thyme-leaved Speed is common in moist lawns, but d cult to discover amidst the grass less one gets down on his kn Plants are better collected from places along brooks, or on the m gins of swamps, where they easily be seen and lifted.

AN HORTICULTURAL DELICACY

Quaker Ladies, or Bluets, *(H tonia coerulea)*, spread a bit of sky in irregular patches over ma meadow, pasture and sandy up alike during May; and from the t of tiny basal leaves the gay l blossoms shoot up more or less thi all summer long. I have planted delicacy in my garden, in local resembling those chosen by Natu moist, dry, sandy, rich, poor— with unvarying success. Here democratic desirable that spreads wonderful rapidity and no one objects or calls it a pest. It is to follow Nature's example, alv

(Continued on page 90)

BLACK • STARR & FROST
JEWELERS FOR 114 YEARS

FIFTH AVENUE • CORNER 48TH STREET • NEW YORK

The BRACELET, *always one of woman's ft graceful adornments, has perhaps never n worked out more attractively than in designs of today.*

This is particularly true of Black Starr & ost's deft employment of gems in flexible platinum mountings. Contrasting tints of the precious stones—the green of emerald, the blue of sapphire, the black of onyx, set off the matchless brilliance of diamonds with such charm that all the glow and fire of the jewels leap into play at the slightest movement of the arm.

Imperial Tables

Charm

CHARM — that added something which changes the neglected spot in hall or living room to a place of beauty.

Picture there an inviting Imperial console group, with cabinet of figured woods, enriched by delicate carvings, and a lovely mirror reflecting a fascinating play of lights and shadows.

Imperial Tables are made of fine woods by skilled Grand Rapids craftsmen, for years of gracious service. At the principal furniture stores you will find broad collections, suggesting numerous ways to add charm to your home.

Write Dept. E. for helpful free booklet, "Heirlooms of Tomorrow", on the decorative uses of tables. Please mention your furniture store.

IMPERIAL FURNITURE COMPANY

"World's Largest Table Factory"

GRAND RAPIDS · MICHIGAN

GROUND COVERS

(Continued from page 88)

You can lift the tiny tufts with your fingers and carry them home in your pockets. Every one will live and multiply and do its part in replenishing the earth in every direction, regardless of where you may plant it.

The Foam Flower *(Tiarella cordifolia)*, makes a charming carpet for a damp to moist, shaded or half shaded area where the soil is rich and the drainage good. It is a creeping plant with handsome foliage that hugs the ground closely and its fuzzy spires of white flowers are extremely pretty. Excellent companions for the Foam Flower in such situations are the common blue Violet of our meadows and low woods, the compact little Dog Violet, and the wild Wood Strawberry, with its starry blossoms, neat foliage and pointed scarlet fruits.

THE LOVELY HEPATICA

No flowering plant can equal the Hepatica or Liverwort as a cover for a hillside or sloping bank, in shade. It is our earliest really attractive wilding and shows its wealth of blossoms in pinks, purples and whites before the winter snows have entirely disappeared. Along with the Hepaticas I like to see plenty of white Trilliums, the exquisite Crested Iris, the downy Yellow Violet, the Early or Hillside Rue and such Ferns as the evergreen Wood Fern, the Spinulose Fern and, in masses, the broad Beech Fern.

Many home owners consider themselves accursed if on the premises there is a dry, sandy, slope or bank in full sun; and they usually say that nothing will grow there. They should not despair, for there are a number of good things that refuse to flourish in any other kind of situation. One of the most effective covers, and a handsome one as well, is the Robin's Plantain *(Erigeron pulchellus)*. The compact tufts of leaves which characterize this plant spread quickly and make a firm, binding mat that prevents gullying and is very good looking. From these tufts rise numerous wiry stems that are crowned with clusters of delicate pink or lavender daisy-like blossoms. No plant is easier to transplant and establish. Then there is the Blue Bell—the true Blue Bell of Scotland *(Campanula rotundifolia)*, which revels in sand, sunshine and drouth. And I could add a dozen others, among them the so-called Moss Pink *(Phlox subulata)*, which will soon hide and hold large sections of the surface. But, if use this species, ignore the pin magenta sort, which is very tryi most people of taste, and confine self to the pleasing white or lav varieties.

The surpassingly lovely wild Phlox *(P. divaricata)*, is, as wi seen in the accompanying illustra an ideal carpet for a woodland when colonized in large quan Fortunate owners of wooded t regardless of extent, will be gra for this suggestion if they follo Another striking, but more r cover and one that is especially able for open glades, is the Apple *(Podophyllum peltatum)*. sonally, I am extremely fond of some of the Ferns in great mas a cover for forested land. A p ular favorite of mine is the New Fern *(Aspidium noveboracense)* cause of its filmy grace, its yellow-green color and its tender form vast colonies of uniform sity. The notably handsome O Fern *(Onoclea struthiopteris)*, other species that will take poss of great areas, if permitted an conditions are favorable.

AN ACID LOVER

Among the woodsy plants insist upon an acid soil or decl flourish, are the Club Mosses *(podiums)*, familiar to all frequ of the wild places, even if only as "Christmas greens," an Canada Mayflower. The mo there are four species in our woods—are difficult to establis cause of their interminable roots, but are well worth an sonable effort to get them start very good and fairly successfu to propagate them is to take with a short section of root, pot in three-inch pots and grow th just as you would any cutting. Canada Mayflower *(Maianth canadense)*, on the other ha easily transplanted and can of lifted in mats of good size. S which a liberal proportion of decomposed pine or hemlock has been mixed to provide acidity, is absolutely essential t manent success with both the and the mayflower.

I include them here, because beauty and utility as cover warrants giving them the re attention and care. And any o have a bushel of fun doing it.

THE KITCHEN *of the* COLONIAL HO

(Continued from page 79)

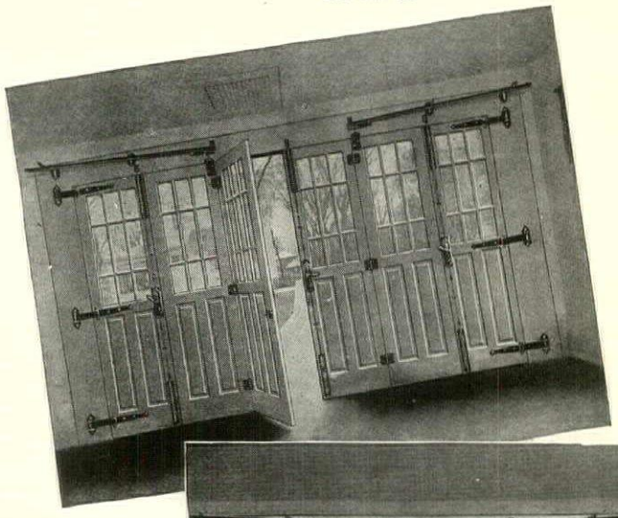
iron of the early American kitchen is a sport that collectors enjoy; to house them in a room of their original environment is a task that builders of some types of modern Colonial homes might well consider. Certainly there is a decorative element in the old utensils and they would not look altogether out of place in the modern kitchen.

An interest in the Colonial kitchen may conceivably give a new interest to the modern kitchen. We cannot hope—and it would scarcely be able—that the modern kitchen again the living room of the but we can read a lesson fro old times and revalue the kitche can appreciate the absolute n a well-equipped and well-run is to any home. We can, by mi the old with the new, take fr modern kitchen that blatant mo which makes it so reminiscent operating room and so lack romance.

NURSE: BAD GIRL! WHY WOULDN'T YOU KISS YOUR UNCLE?
CHILD: WELL, IF YOU'D KISS HIM ONCE YOU'D KNOW!

[*Listerine used as a mouth wash quickly overcomes Halitosis* (*unpleasant breath*)]

RICHARDS-WILCOX R&W AURORA TRADE MARK



The Most Important Part of Any Garage

No other part of a garage is subjected to such unceasing wear and tear as its doors. That's why they deserve to be hung on hardware which will make them a source of lasting satisfaction rather than the cause of daily annoyance. Warping, sagging, sticking, slamming—all these troublesome features of ordinary swinging doors are forever eliminated by the use of—

Slidetite Garage Door Hardware

Unlike swinging doors, Slidetite equipped doors are suspended from a faultless track and cannot sag or stick. They slide inside, away from snow and ice, and fold flat against the wall where the wind can't possibly get at them. The doors slide smoothly, with no more effort than is required to open a house door, and fit tight and snug when closed.

Many thousands of installations have proved *Slidetite* to be the only practical door-hanging system for openings of any width up to thirty feet.

Before building that garage, or remodeling the old one, send for a copy of Catalog M-29. It contains many helpful suggestions and detail doorway plans. Slidetite is sold by leading hardware and lumber dealers everywhere.

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A Hanger for any Door that Slides
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Winnipeg LONDON, ONT. Montreal

Chicago
Minneapolis
Omaha
Kansas City
Los Angeles
San Francisco
Seattle

Northend

The garage and chauffeur's quarters are cleverly disposed in this brick and half-timber building on a New England estate

EQUIPPING THE GARAG

(Continued from page 75)

admirable idea to have pit for work underneath the car. There must be a drain and the concrete floor should have a gentle slope from the four walls to carry oil, water and other liquids into the drain. What is known as a French drain, a barrel with top and bottom knocked out, filled with stone and sunk in the ground, serves very well for the small garage.

By all means provide adequate lighting for the garage. Four windows are none too many. A friend of mine has a double skylight in the roof of his garage and it works out splendidly. One of the windows should certainly be over the bench and an electric light w metal shade, should hang di over the bench, for dark days as as for night operations. It is a plan to have an electric light door and this may be arrang light up when the door is opene

In addition to the work bend garage should include a clos which tires and tubes may be wr and hung, until they are neede wash bowl is almost a necessit adds little to the cost, since mo owners will insist on the instal

(Continued on page 94)

The outside stairs are pleasantly featured on the garden side of the garage which is shown above

VALVE-IN-HEAD

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MOTOR CARS

for 1925!

23 New Models!

Each one a Six!

Each one with the famous Buick valve-in-head engine ~ Each one with Buick four-wheel-brakes ~ Each one with low pressure tires ~ Each one at a price that is the greatest motor car value ever offered.

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EN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD THEM

Out of 10,000 here are 16

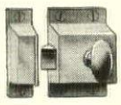
Do you know what they are?

YOU'LL find them at your Corbin dealer's. He carries them in stock for you—the little things in hardware that "keep your house in order".

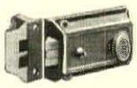
He doesn't know when you'll need them—nor do you. But when you do, there they are.

Look over these 16 of the 10,000 items of *good* hardware Corbin makes. Then you'll know more about the service a Corbin dealer can give you.

Corbin Butts never "jam" nor squeak. Cast in bronze, brass and iron—they last.



Corbin Catches for every kind of door are willing servants too.



There is no better guide to security than Corbin on a Night Latch.

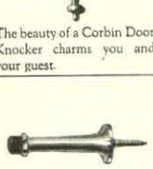
Smooth edges and plenty of finger room in Corbin Drawer Pulls.

The beauty of a Corbin Door Knocker charms you and your guest.

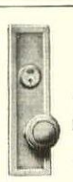
One of 107 styles of Bolts made by Corbin—each an example of *good* hardware.

The Corbin Sash Fastener accepts its responsibility cheerfully

The Corbin Unit Lock whose key-hole comes to meet you—exclusive with Corbin.



Even Door Stops deserve to be *good* hardware, and are—when Corbin made.



A Lock Set is always *good* hardware when it bears the name Corbin.

A Corbin Door Holder never fails to hold down its job. *Good* hardware? —certainly

This is a Corbin Sash Lift—a popular member of the *good* Hardware family

The Corbin Door Check will tame unruly doors, end slamming and drafts

Nowadays one hangs his best clothes on the best Hooks—Corbin's.

Windows are certain of an "easy rise" on Corbin Sash Pulleys

See that name Corbin! Be sure of that and you're sure of a Cylinder Lock

WHEN you are in need of any one of the 16 or the 10,000 visit the Corbin dealer first. It will save your shopping steps. His store is *good* hardware headquarters, whatever your needs may be. Write for our booklet "Good Buildings Deserve Good Hardware."

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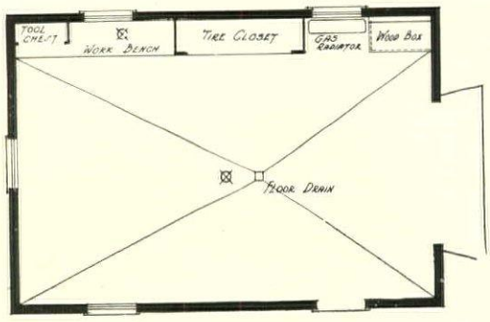
CORBIN



An ideal arrangement for a one-car garage, with bench, closets, etc. ranging down one side

EQUIPPING THE GARA

(Continued from page 92)

of water for washing the car.

This brings us to the heater, which is a very important bit of equipment in the uncertain climate which most of us enjoy. The heating plant may be as simple or elaborate as the individual car owner's needs suggest. In many cases it is possible to utilize the heating plant of the house itself to supply an even temperature for the garage. Where the garage is built into the house, this will always be the case, but even with a detached building, steam or hot water pipes may be carried underground from the home to the garage. In cases where a separate heating plant must be installed, it will usually be necessary to house it in a fireproof chamber. Your local laws will determine this.

The heater itself may be any one of several different kinds. It may burn coal, gas or kerosene. It should have ample radiating area and one of the heating systems designed especially for home garages will undoubtedly be the most satisfactory.

The subject of tool equipment for the home garage is one that has a particularly personal application. It all depends on how much work the car owner intends to do, whether he needs the simplest equipment or a complete machine shop outfit. However, we may safely outline the ment that the average garage b will find necessary or desirable.

One large vise, perhaps s mented by a small vise for s work. Two screwdrivers, a punches, two or three chisels, hammer and a machinist's ha will be needed for almost any acter of work attempted in the garage. The wrenches will inc complete set of socket wrenches of flat wrenches, two sizes of m wrenches and a pipe wrench. A ness gauge will be valuable. pairs of pliers and a cotter pin are almost inevitable. C-clamp be needed and a wheel pulle tainly will. Get also a stee and don't forget a fire exting though that cannot be classed tool.

In the way of supplies get an ment of nuts and bolts, with lated nuts in all sizes. A bot shellac will prove helpful. of assorted cotter pins and a plain and lock washers in sizes will pull their weight boat. Finally a bale of cotton a small bale sold by any ac store, and plenty of cloths for ing will be needed even if y not intend to do any repair w home.

IDEAL SMALLER HOM

(Continued from page 41)

attractive. We feel that when they get even more attractive than they are, they will assume in the mind of architects, builders and the home-makers themselves, the distinction they deserve.

The bathrooms too, are attractive in these designs, a quality not incompatible with having the equipment essential to bathroom usage.

Where the bath tubs are backed up to the common wall of bathroom and clothespress or linen closet, enclosed plumbing is used for the faucets and drainage. The bathtubs are of porcelain over iron, which have been found to be the wisest sort to use. The reasons are that they heat up quickly, and, being more elastic, withstand perfectly the ravages of bumps and crashes.

The floors of the bathrooms i houses are of tile, with a tiled scoting joined in curved con with the floor.

There are three bathrooms i of the houses, and in some in there is a downstairs lavato cloak room. All these bathroon bath tubs, lavatory showers an closets of approved and im designs, simple and positive i working and workmanship. water closets are as silent as is to have them and the showers built as to allow the proper mi hot and cold water, as the unit emerges from the source. T obliquely set in the wall to n possible for the lady of the h save her hair from too sud

(Continued on page 98)

The "All" of the Piano

A Great Piano with a name of present and legendary fame and a reputation sustained on the concert stage—

The music of that piano, not alone the music as you or someone in your home will produce it, but the music as played by the great pianists of the age—their playing, their interpretation, the very perfection of their technique—

A musical library that includes all the work of all the great composers contemporary and dead, in all the varieties of their expression—Bach and Berlin, Chopin and Victor Herbert, Verdi, Puccini, Brahms, Grieg and Sullivan—

These are the things the Ampico makes available to your home.

No composer ever hoped that his pieces would be played better than the Ampico will play them for you. No piano maker ever expected that his instrument would be more beautifully played than the Ampico will play it. No one who ever bought a piano ever hoped to hear greater music than the Ampico will play for you.

The word "piano"—the thought, the conception of a piano—can embody no more than you can own in an Ampico. It is the "All" of the piano.

A few of the famous artists the Ampico brings to you

SERGEI RACHMANINOFF
MORIZ ROSENTHAL
JOSEF LHÉVINNE
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ERNO DOHNÁNYI
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PHILLIP GORDON
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EDGAR FAIRCHILD
HENRY LANGE
RALPH REICHENTHAL
HARRY SHIPMAN
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Hear the Ampico

Hear it at the home of a friend or just as freely at the store of any of the following pianos which have adopted it. They are the *Chickering*, and the *Knabe*, two of the four fine pianos in general use on the concert stage; and the *Haines Bros., Fischer, Franklin, Marshall & Wendell* (In Canada the *Willis* also)—all pianos of long and honorable fame, chosen for the Ampico because of their ability to do justice to its music.

Foot-power models, $795. Electric-power models, $985 to $5000. Both grands and uprights.

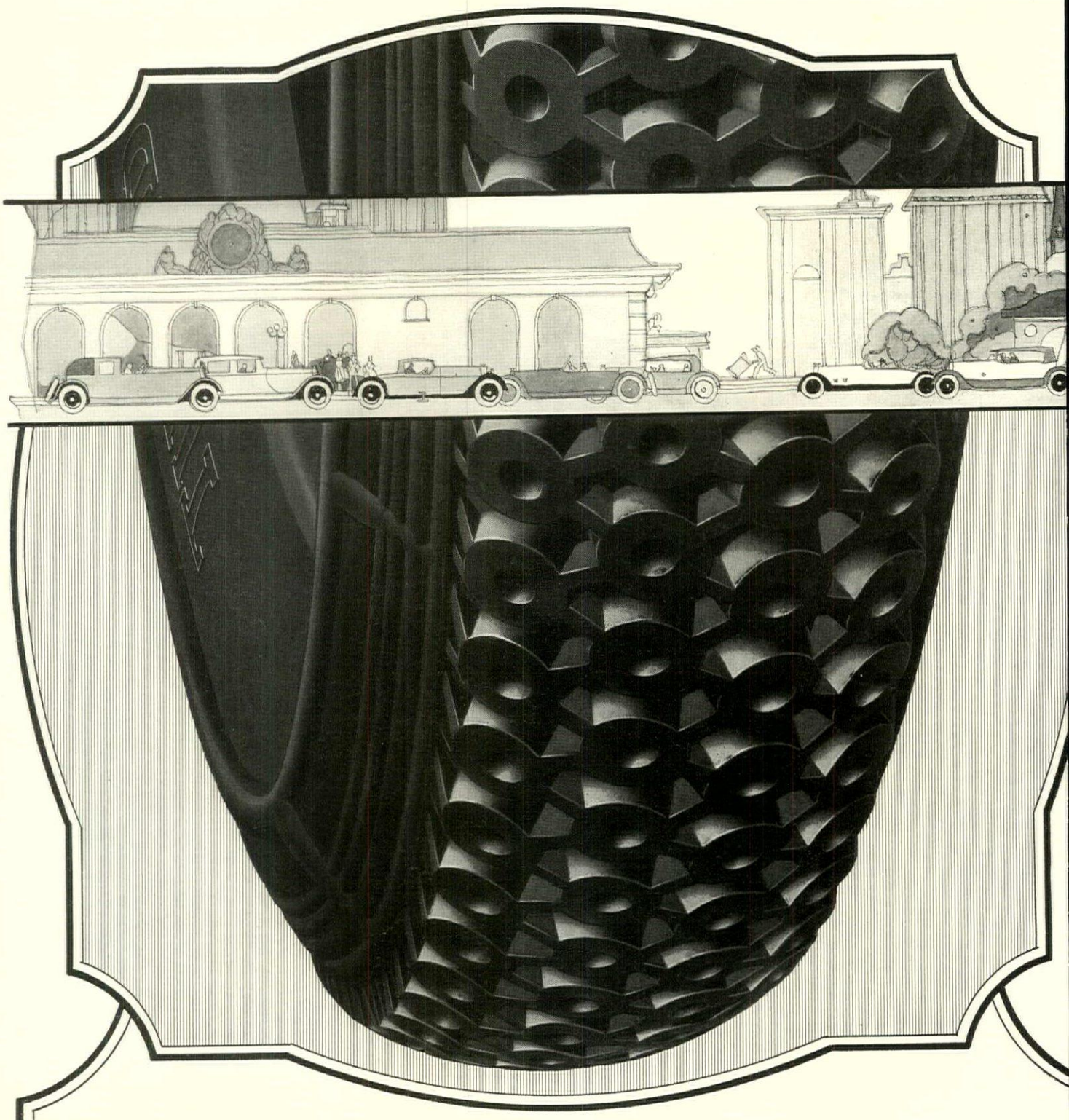
Exchange your piano for an Ampico

Your present piano will entitle you to an allowance on the Ampico. Convenient monthly payments can also be arranged.

Although nothing can take the place of hearing the Ampico, a booklet telling about it, its artists, and its large library of recordings will be sent on request.

The AMPICO

E AMPICO COMPANY · 437 FIFTH AVENUE · NEW YORK



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LESS than a year ago—backing them with the experience of twenty years devoted to the production of *quality* tires—we introduced, as the finest product of the tire builder's craft, Tuxedo Vacuum Cup Tires.

The enthusiastic reception they have been accorded by motorists everywhere has taxed our production facilities.

Do you buy "just tires," or do you buy *mileage?*

TUXEDO VACUUM CUP TIRES

PENNSYLVANIA RUBBER CO. OF AMERICA, INC., Jeannette, Pennsylvania

It is only human that everyone should envy the proud ownership of a LINCOLN.

LINCOLN MOTOR COMPANY
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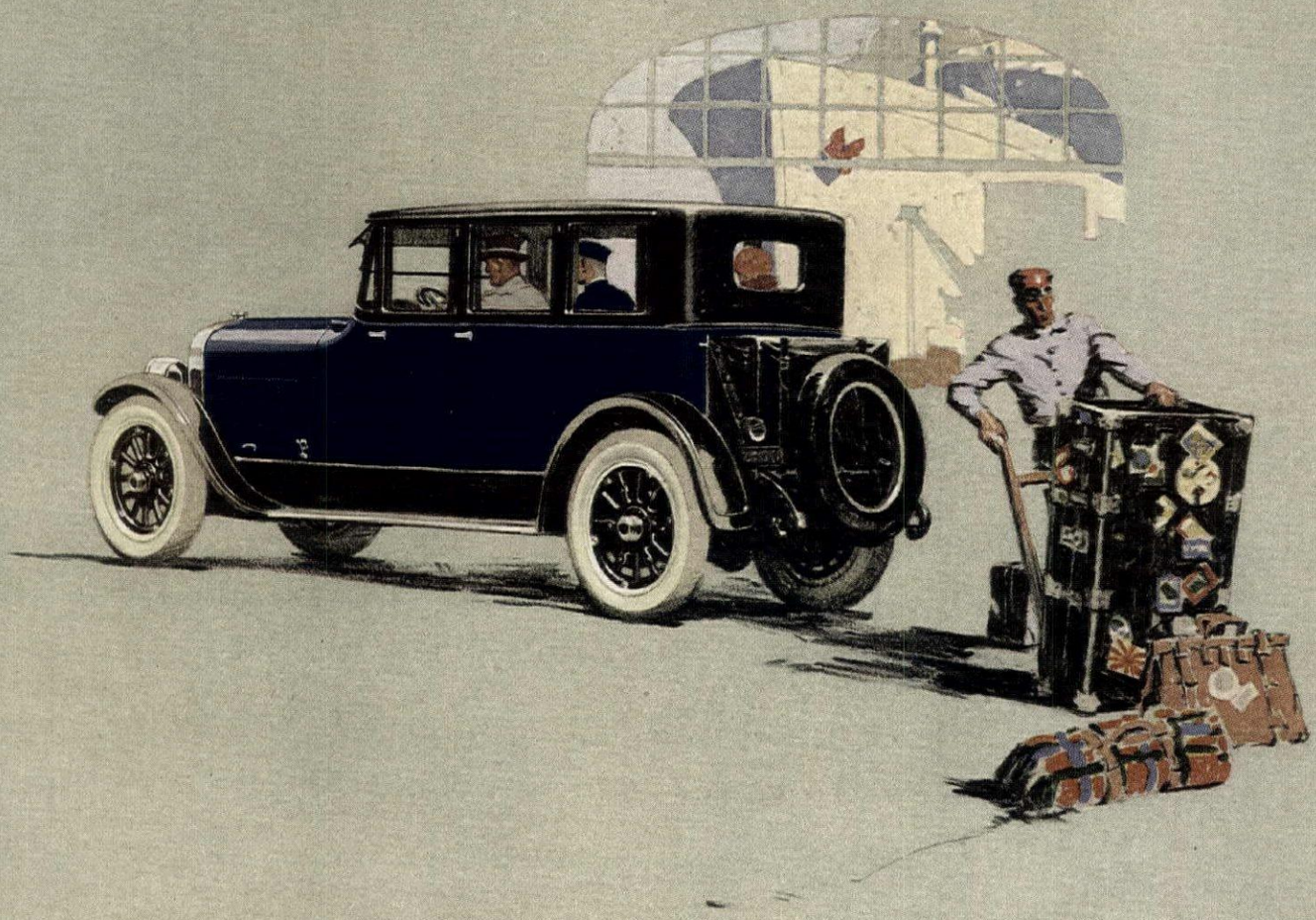
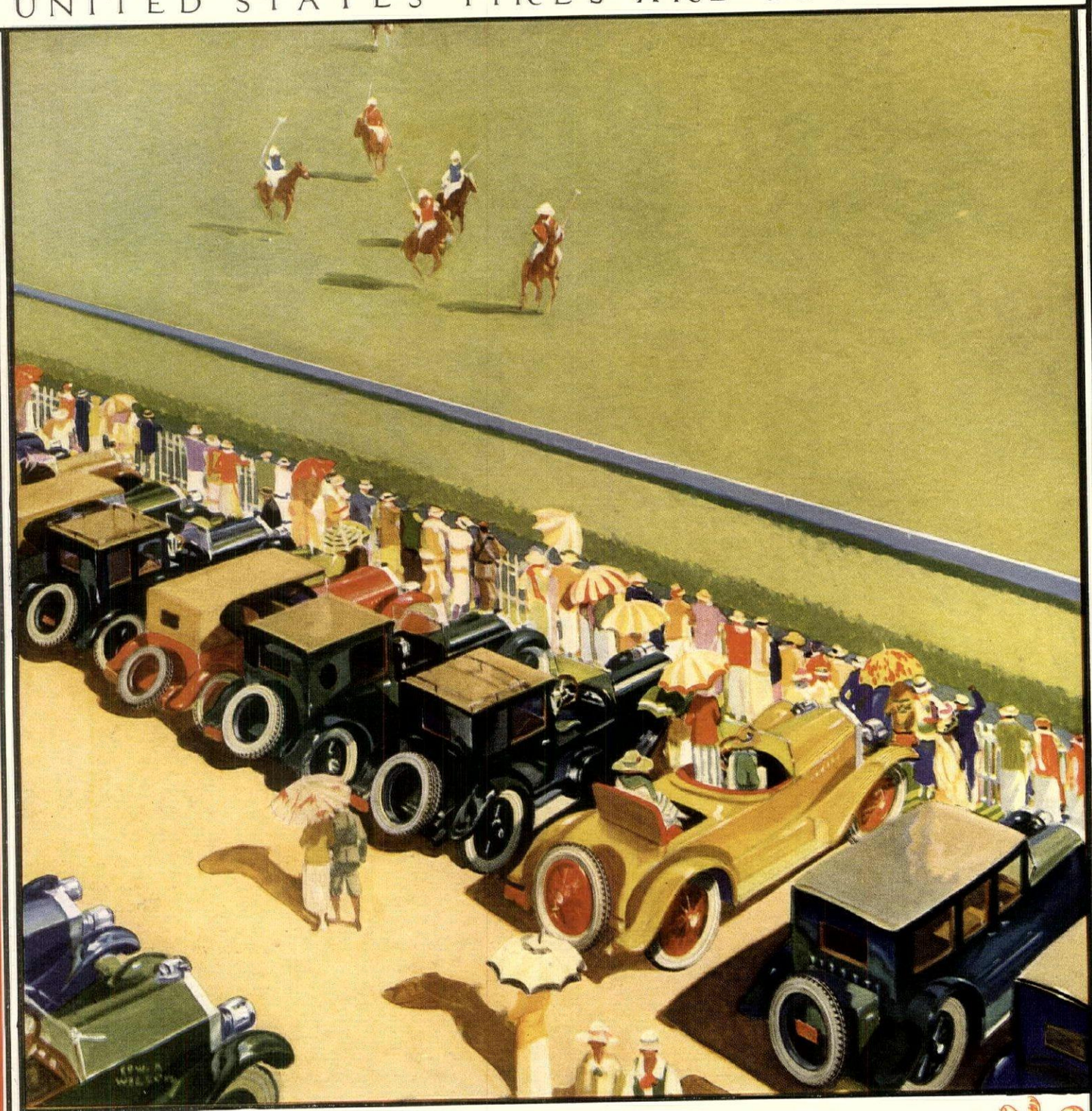


L I N C O L N

UNITED STATES TIRES ARE GOOD TIRES



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ROYAL Cords are made of latex treated cords.

Latex is liquid raw rubber in its natural state.

The use of latex in its natural state in tire building is new.

It is exclusively a U. S. Rubber Discovery and is patented.

Latex adds great strength and flexibility and is particularly valuable in the manufacture of flexible sidewall, low air-pressure Balloon and Balloon-Type Tires.

To get the benefit of this major contribution to better tire service insist on U. S. Royal Cords.

U. S. Tires are the only tires in the world made of cords solutioned in raw rubber latex

Trade Mark

United States Rubber Company

Eternit Asbestos Shingles exhaust the meaning of "economical"

WHETHER you are now building a home or planning one; whether you are about to replace a worn-out roof or will soon face that necessity—before you O. K. an estimate or spend a dollar—investigate Eternit Asbestos Shingles.

Roofing engineers are agreed that the asbestos shingle is the greatest forward step in roofing ever effected. It is fire-proof, water-proof, lays well, lasts.

Freely admitting the excellence of every asbestos shingle on the market, we offer Eternit Asbestos Shingles as the biggest forward step in asbestos shingles ever developed.

In the making of asbestos shingles, asbestos is the binder which holds the other materials together. It is of paramount importance. Eternit Shingles are made with South African asbestos—known to authorities as the best in the world. Its long, rough, tough fibres, when fabricated into shingles, knit and twist together into an inseparable mass.

Eternit Asbestos Shingles are built up in layers, one layer of intertwisted asbestos, impregnated with cement, on top of another. These, under terrific hydraulic pressure, are compressed into one solid, composite structure far superior to the product of the moulded process. Every Eternit Asbestos Shingle is seasoned three months before being shipped.

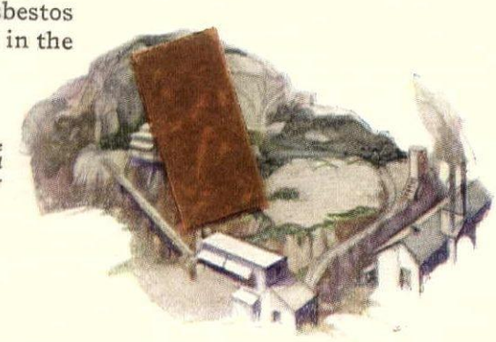
Eternit Asbestos Shingles have every element of eternity in their materials and construction. They will not warp or chip. The frosts of a hundred bitter winters will not crack them. Laid with copper nails, they will defy the ravages of time and elements indefinitely.

Eternit Asbestos Shingles are unusually beautiful. Their natural gray, Indian red or blue-black makes the whole exterior attractive, warm colored and artistic—giving that air of solid permanence you want your house to convey.

Most interesting of all, an Eternit Asbestos Shingle roof, first cost and everlasting durability considered, exhausts the meaning of "economical."

Before you O. K. an estimate or spend a dollar on your roof, write to us for full information about Eternit Asbestos Shingles. American Insulation Co., Roberts Avenue and Stokley Street, Philadelphia, Pa.

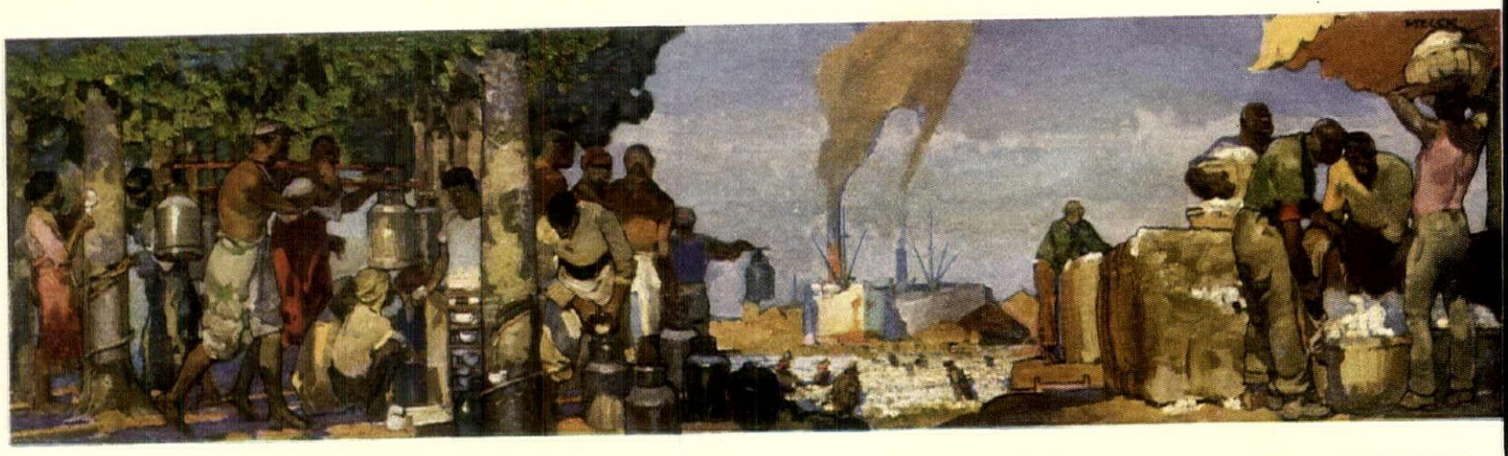
Eternit Asbestos Shingles are also made in this standard shape which gives the simpler effect desired by many.



Eternit

ASBESTOS SHINGLES

Make your first roof last



Facts and Figures

To supply during 1923 the Fisk Rubber Company—makers of Fisk Tires—with the two basic raw materials, rubber and cotton, there were required—

137,000 Acres of Rubber Plantations
11,000,000 Rubber Trees
35,000 Plantation Employees
114,000 Acres of Cotton Plantations in Egypt and America
46,000 Employees to plant—cultivate—harvest and gin the cotton
11,000 Employees in cotton mills to convert this cotton into yarn and fabric

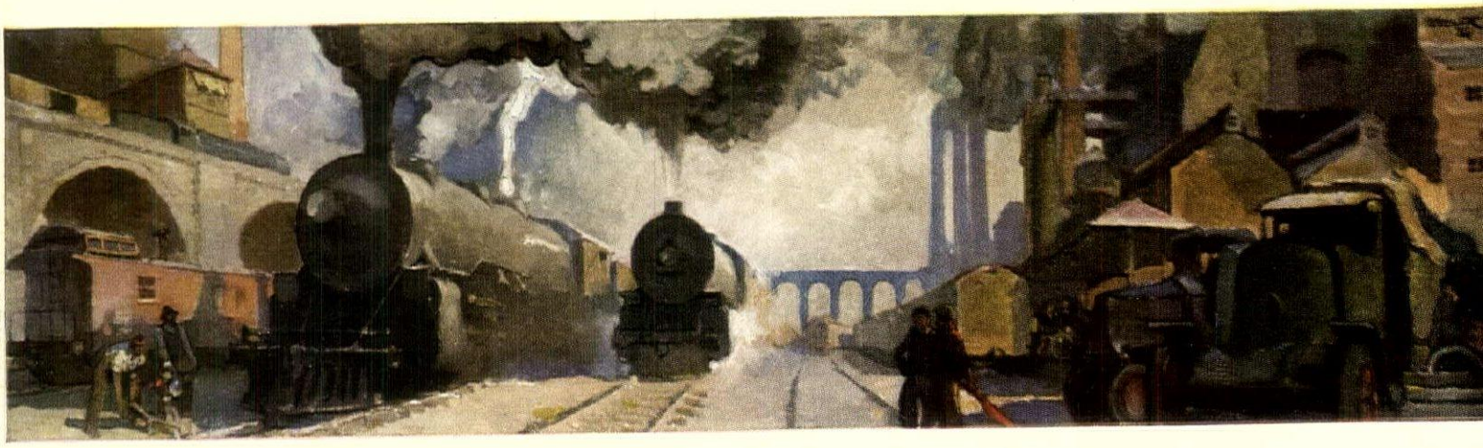
In addition to the above, millions of pounds of chemicals and other ingredients, tons of steel, thousands of tons of coal, millions of gallons of water, millions of kilowatts of power, and thousands of employees incidental thereto, were required to furnish the materials used.

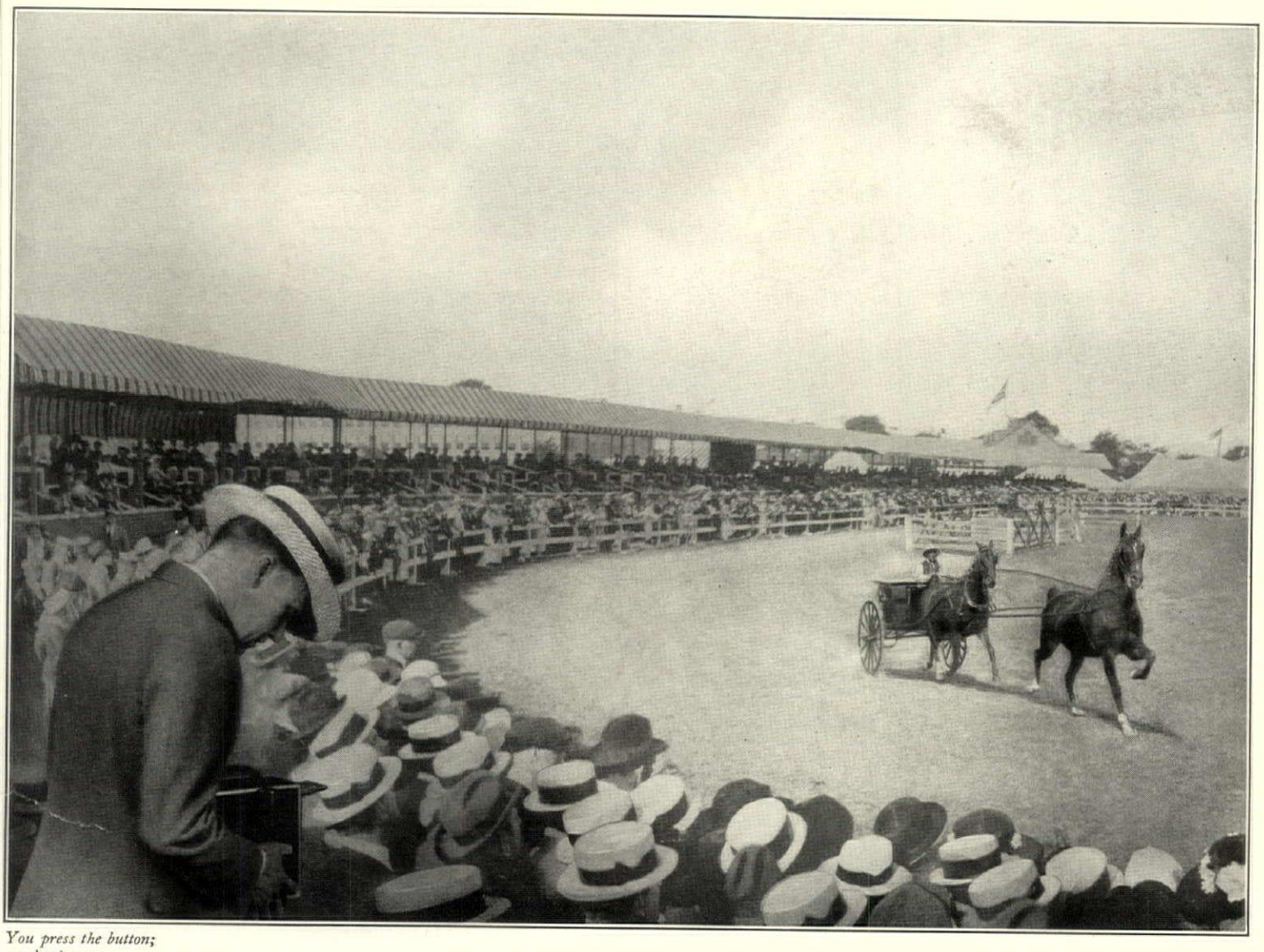
All these materials put into the hands of the skilled Fisk workmen turned out the product that is constantly increasing in favor.

Trade Mark Reg. U.S.Pat.Off.
Time to Re-tire

Get a FISK

Copyright, 1924, The Fisk Tire Co., Inc.





You press the button; we do the rest

Your own movies

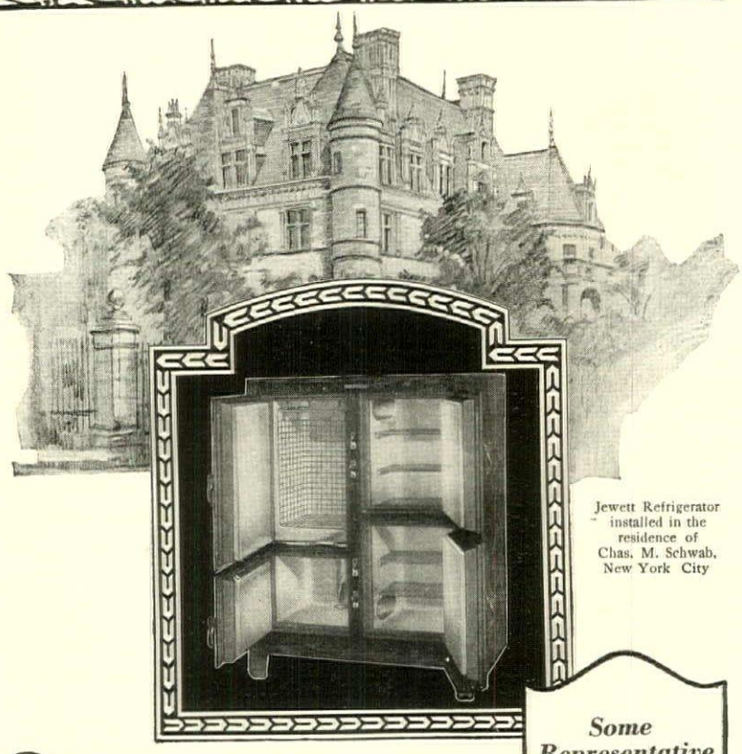
The life and animation of the horse show crowds, the thrill of the jumps, the rhythmic swing of the winning tandem—press the button on your Ciné-Kodak and, with utmost ease, you're getting it all in *motion.*

Later, with a turn of the Kodascope switch, you can see the horse show all over again in your own home, and as the hunters rise to the jumps, the tingle of the moment comes back.

Nor are personal movies all the pleasure. Professional photoplays featuring famous film stars, comedies, animated cartoons, may be rented from Kodascope Libraries, Inc., and projected on your screen. Photoplay parties—part of the program pictures you made, and part professional releases—offer a new pleasure.

Ciné-Kodak booklet and full information by mail, on request

Eastman Kodak Company, Rochester, N. Y., *The Kodak City*



Jewett Refrigerator installed in the residence of Chas. M. Schwab, New York City

An ideal of Quality since ~1849

WHEN master craftsmen, inspired with an ideal of quality, worked in small shops and with their own hands set precedents that have only been enhanced by the passing years, Jewett built the finest refrigerator of their time.

Today, after 75 years of unrelenting effort, the "Jewett", is still the world's finest refrigerator *and the only solid porcelain refrigerator built.*

With glistening white compartments of solid seamless porcelain 1¼ inches thick, full rounded corners that leave no place for dirt, food particles or spilled liquids to collect, and cork insulated walls over five inches thick, it provides cleaner, colder, more economical refrigeration.

Illustrated catalog on request,

THE JEWETT REFRIGERATOR CO.
123 Chandler St. Buffalo, N. Y.
Branch Offices:
New York Boston Chicago Cleveland Los Angeles Montreal

Some Representative Jewett Owners

Mr. David W. Chalmers, Amsterdam, N. Y.
Mr. G. W. H. Allen, Cazenovia, N. Y.
Mr. Wm. Fahnestock, Katonah, N. Y.
Mr. John D. Rockefeller, Pocantico Hills, N. Y.
Mr. H. S. Holden, Syracuse, N. Y.
Mrs. S. M. Roosevelt, Skaneateles, N. Y.
Mr. Sherwood Aldrich, Great Neck, L. I.
Mr. Marshall Field, 3d, Huntington, L. I.
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Mr. Seth Thomas, Morristown, N. J.
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Mr. Ezra J. Warner, Jr., Lake Forest, Ill.
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Mr. Frank Billings, Cleveland, Ohio
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JEWETT

The Only Solid Porcelain
REFRIGERATOR

ACTUAL THICKNESS OF PORCELAIN

If it isn't a Jewett—it isn't a Solid Porcelain Refrigerator

IDEAL SMALLER HOME

(Continued from page 94)

undue baptism. The walls of the bathrooms can be painted, or covered with a patent wall covering, which gives the effect of glazed paper. The ceilings painted or tinted will be most satisfactory.

You will note on these plans ample closet room. As if the architects were women!

The laundries, except on one set of drawings, are not pictured, as they reside in the cellar. However, this would show but the placing of the two tubs and the electric outlets—to which would be attached the electric ironer, electric washer and electric iron. Houses as amply supplied with electric outlets as these will always preserve a great elasticity in the arrangement and rearrangement of equipments. The chief reason why laundries and kitchens today are so inconvenient, is that the outlets and lighting fixtures are badly placed, making the equipment bend to the electric malfeasance instead of the electric outlets bending to the proper placings of the equipment. Note, too, the electric light switches at the right of each door in all of these kitchen and pantry plans.

The metal weatherstrip is, of course, applied to the windows and doors of these houses to insure comfort, freedom from unduly fuel bills, dust and draughts and, therefore, doctors' bills.

All windows should be individually fitted with copper mesh screens with either wood or metal frames. They should be tabbed for position, too, if they are of the kind to be taken down each season, so that they will go back to their proper mooring without guess work and loss of time.

If the purse is able to stretch far enough the incinerator for waste and refuse is ideal. Especially in remote regions where there is no system for garbage disposal. Failing this, the white enamel can or garbage container, the lid of which is lifted by pressing a pedal with the foot, is an excellent substitute for the garbage chute. It is often wise, where there is a stationary garbage incinerator in the kitchen, or chute to the cellar incinerator, to have an hygenic can of this type in the pantry.

The best materials for table tops are porcelain over iron, hard wood, or linoleum well secured and turned under the table edge. The same can be said for the porcelain composition tables.

In order to avoid vain repetition in the descriptions that follow, we have not repeated every time, the things which apply to this structural quartet. So each description will apply in certain respects to all the homes.

(Continued from page 42)

All working surfaces must be from 32"-38" from the floor.

The Cabinet here is very decorative, consisting of either a built in set of units, or units purchasable at the purveyors you favor. They are either of wood or steel. In this design they are of white enameled wood. You can have your pots and pans in the closets, or better still, have a rack on which to hang them to prevent "stooping to conquer."

The Drain Board here are of m tilting toward the sink and buil as to forestall any leakage into drawers below. The sink is of en over iron, strong and durable. A the sink are convenient shelves a rack for the commoner cutlery. is of great convenience. Opposit table you can place another table or another cabinet, a pot or supply cabinet, dishwasher, or electric combination fireless and lar stove which needs no extra w and is good for the small or family.

Here is a Gas Range with al new heat control devices, and that retain some heat and save m and time.

Note the ampler number of El outlets, two above table, a ce semi-indirect light in the cente ceiling, switches at the right of entrance to the room and conven (electric) outlets over the boards for anything you want t with electricity. Also, across the are outlets on each side of the ca for a dishwasher or an electric s

The Pantry is the same color a kitchen. Its sinks and cupboard be either of the purchased or inst type. There are two extra co ience (electric) outlets here, too present uses and those to come.

The Service Wing is of inestim value. Here is the place for th frigerator, for the ice man need no relay races through the kitchen or pantry. In the pantry can have a tiny refrigerator inst under the sink drain if you so d but this is not "designated in bond". There is no reason why could not be an iceless refrige here too, if you are one that nee be independent of a spasmodic s of ice in some region where th man is of the "Will o' the variety".

The layout is small enough to the cook's steps but few, even refrigerator is in the service win

All in all, this is a very tidy l and worthy of close attention appreciation. Much in little is tainly the slogan here.

The Traps under the sink ar drawn in these plans but, of c they exist. It is wise to have a f in the plumbing under the sin fill pails of water conveniently.

A Dishwasher can easily be p near the wall outlet opposite the But it is always more conv where there is space to have the washer attached to the plumbin this case the water pipes would to be relayed to that point.

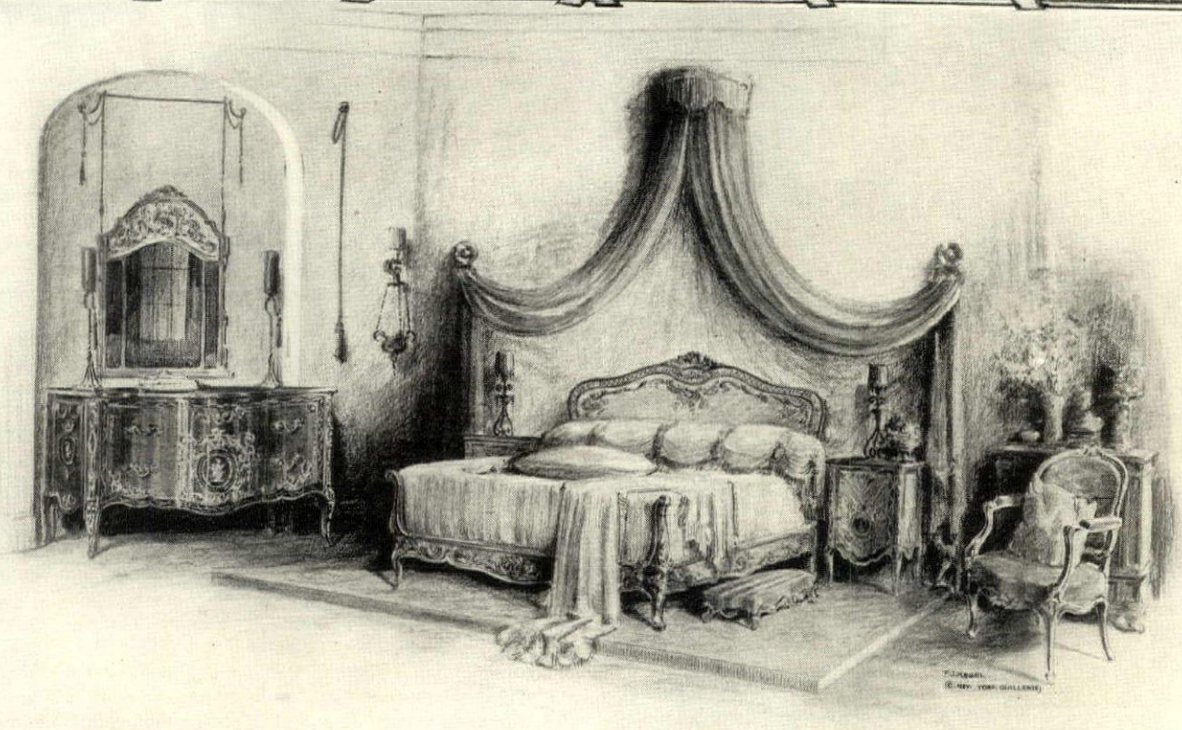
(Continued from page 43)

Here the Refrigerator is e and highly convenient. But yo have the iced type if you so desi course.

The folding table by the wa be used as a working surface o dining table. The outlets nea table make electric toast and on Sunday night an easy perfor which relieves the dining roo extra service.

Again the Pantry follows the

(Continued on page 100)



The subtle charm of this lovely room lies in the delicacy of form and color radiating from the French and Venetian hand-wrought furniture and the happy accordance of the exquisite accessories

The Secret of Creating a Successful Interior

A FAMOUS authority on art once said that it is not the *number*, nor the *cost*, of the beautiful things in a room which makes a "successful interior"—but rather "the *manner* in which a few well-chosen objects are assembled."

¶ With this idea in mind, the furniture exhibits in this establishment have been grouped into a series of interesting ensembles, each with appropriate accessories. In one Gallery after another there is a wealth of suggestion for various rooms, not alone in the uncommon furniture, but in the unique lighting fixtures and rare bits of fabric, crystal, leather and metal, as well as in the collection of unusual mirrors and screens. Here and there age-worn antiquities find congenial companionship with *facsimiles* of old examples faithfully wrought by master-cabinetmakers; while from the same skilled hands come many quite inexpensive pieces designed expressly for the simple houses of today.

¶ Then there are groupings, more elaborate in character, of the fine cabinetry of French and Venetian inspiration, developed in veneers and inlays of tulip-, satin- and rose-wood, with *ormolu* mounts of classic design. There is an unforgetable charm about these exquisitely decorated pieces—such as the shallow dressing-consoles and commodes with marble tops, and their companion chests-of-drawers for both feminine and masculine needs.

¶ The Ladies of King Louis' Court never knew lovelier *lits de parade* than the decorative beds awaiting your selection here! Not a little of their appeal is due to the silken draperies, in colorful tones borrowed, perhaps, from an old French damask adorning a nearby *bergère* or *chaise-longue*.

¶ For the Boudoir and Guest Room quaint little writing tables and other *meubles de luxe* suggest many ideas for delightful arrangements. When viewed in the proper setting, their selection ceases to be a problem and becomes a *pleasure*.

New York Galleries
INCORPORATED
417-421 MADISON AVENUE
Forty-eighth and Forty-ninth Streets

Furniture : : Reproductions : : Decoration

ROPER

Complete Oven Control

Home management is a fine art. Not only the facility of the human, but the beauty and convenience of the inanimate elements are decided factors in achieving a well ordered menage.

For this reason husband or son, as well as the home managing wife or mother, recognize the desirability of having a Roper Range in the kitchen.

It offers the greatest contribution to the art of cooking: complete oven control—the regulation and distribution of oven heat—through the harmonious operation of Roper temperature control and ventilated oven.

See the Ropers, priced from $35 to $300, where better gas ranges are sold. Send 35 cents for the famous Roper Recifile of time and temperature card indexed recipes.

GEO. D. ROPER CORPORATION, *Rockford, Illinois*
Pacific Coast Branch: 768 Mission Street, San Francisco, California

ROPER

TRADE MARK REG. U.S. PAT. OFF. REG. IN CANADA

Every Roper Range is inspected by a woman before it is certified by the Roper quality mark —the Roper purple line.

Gas & Electric RANGES

BE SURE THE ROPER PURPLE LINE AND THE ROPER COMPLETE OVEN CONTROL ARE ON THE RANGE YOU BUY

Copyright 1924, Geo. D. Roper Corporation

IDEAL SMALLER HOM

(Continued from page 98)

scheme of the kitchen. It is built to chime in with the habitudes of the rooms which open off it, the dining room *and* the kitchen. There is ample cupboard space, a sink and serving table, with electric outlets to furnish electricity.

The Sink (kitchen) is of the most modern style. There is a swinging faucet (which can be put in every sink) and slanting drains of porcelain over iron.

There is ample room for a dishwasher attached to the plumbing, so that dishwashing becomes a comfortable thing rather than a baneful bore.

The Range is again the most modern of white enameled gas ranges with heat and oven control, self lighting and beautiful to look upon. It can be had in black or white, of course.

This kitchen is like the rest of the house, of graceful distinction. It would be lovely in green and white instead of old rose, gray and white, with curtains of green and white, leaving the floor the battleship gray.

Of course, when any home is built, the new kitchen ventilating fans in window or flue will take off odors and insure comfort in all weather.

(Continued from page 44)

cupboards, the sink, the incinerator chute, and then the work table. This table can have a wooden top and a rack underneath to hold things. Here, too, can be a metal pull board on which to make pastries.

The Marble top or porcelain top table is excellent, too, especially the porcelain.

Note the Switches at the right of each entrance and the wall outlets for present and future appliances.

The central light is of 100 wattage and will light the kitchen beautifully.

The lights at right and left of the sink will give great comfort. No reaching is necessary, for you will see a switch near the left hand of sink.

The Electric Range here has the required special wiring. It is of the pattern which cooks "firelessly" and well. It has a clock which will, when set, start and cut off the electric current, so when the maid is out and you do your own kitchen work, you need not "hang round" to cook your next meal.

Near the window is the dishwasher and its electric outlet, making this kitchen fairly compact for one of ten by twelve feet.

The Pantry houses the refrigerator and the "best" dishes, and with the cupboards in the kitchen, is obviated any cheap show of dishes in the dining room.

The Window Space in this and in the other three houses, give to these kitchens god ventilation and light by day.

The Refrigerator, of course, every case where there is one, be of the best type, porcelain It should set firm and level ground and be connected wi plumbing in order to allow f flowing away of melted ice an vapors.

The surface of the table, a surface under the cupboards ca hard wood or linoleum or un metal composition. Sometimes y get the porcelain over iron tops when folded in under the c makes a most perfect topping work tables in kitchen and pant

(Continued from page 45

of the finest manufacture a securely installed. Here, thou you require other cabinets, the or wood units, for example, th be substituted for what is seen sketch.

The Table is large and comf to work at, and there is an under the table, not pictured her

The Central Electric Light ample light at night, fortified sink light.

The Gas Range is of magn proportions, hooded to take c rising vapors and fumes. The can be smooth or spider topped

The Pantry has a metal s reduce the possibility of br fine china. Otherwise, there is n different about the pantry. The house phone situated in the kit that the maids can get the order the mistress's boudoir without runs and voice culture!

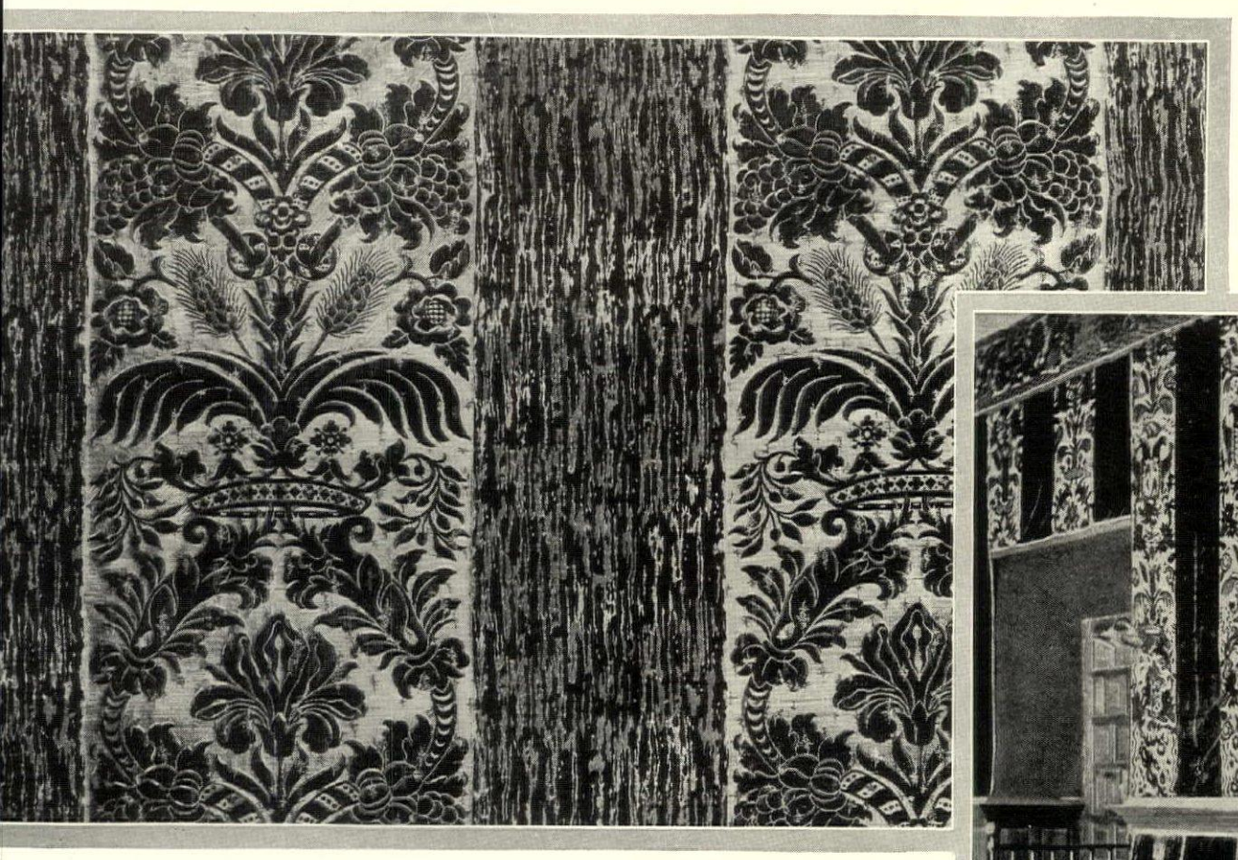
On the way to the Service ment you will see the brush and closets. These too, can be buil purchased in whatever shape a mensions needed.

In this service porch near t side entry you will see the refrig easy of access for the iceman a so far as it looks from the kitc

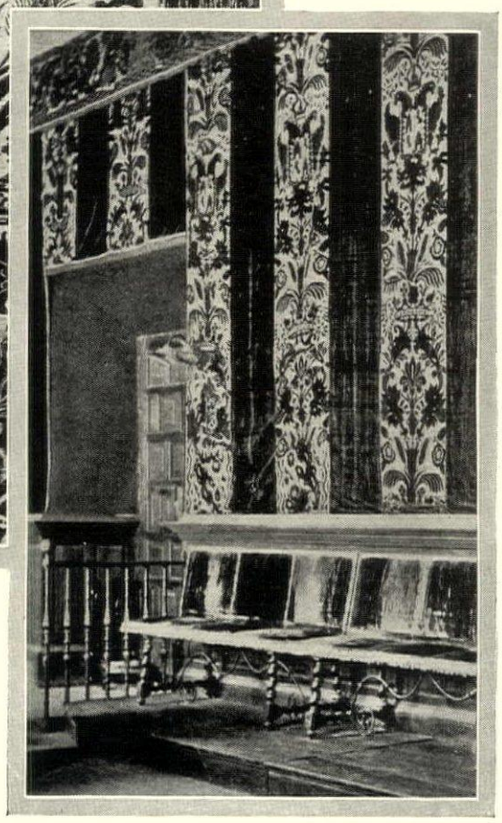
Here is the washing machin its electric motor, and the tubs which can be used as tabl there should be a table near the board to help in the process of the clothes for ironing.

This is not an ideal laundry is exceptionally well aired, and little shifting will work ver The ironing board lies flat aga wall when not in use, and the w machine is attached to the pl and can be used without tubs if erless. Use the near end of the wringing operations if you washer with wringer, this wi serve promenade space.

The store closet here will venient. In other houses it is be account of the plans to ha closet in the cellar.



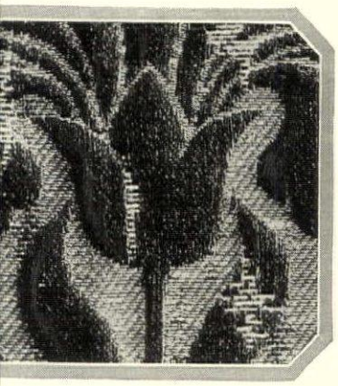
The old Spanish velvet is reproduced in brocatelle weave with all its feeling, color and decorative value



On the walls of the council room in the old City Hall of Toledo, Spain, hangs this splendid sixteenth century velvet

SPANISH BROCATELLE

In Toledo, the old Castilian city, hangs the original XVI century wall covering



t as in the original, the warp seems to be n away here and there, giving it the ed look of centuries of use, an ex- le of the most expert modern weaving

IN that old hundred-towered town, on the walls of the council room of the City Hall, still hangs the sixteenth century velvet which inspired this modern brocatelle.

Today, rich and mellowed by the centuries, all the beauty of this gorgeous wall hanging is reborn in a modern fabric which simulates not only its spirit, but preserves in every detail its entire decorative value.

This modern replica has the antique red which time gradually evolved from the flaming crimsons in vogue fifteen generations ago —the dulled background of long-tarnished gold, the soft, rubbed, worn look which seems to come from centuries of use—in short, the spirit of an old and princely fabric carefully preserved and faithfully rendered.

The red warp is skilfully dropped here and there as if it had been worn away from the background, thus reproducing by expert craftsmanship the texture of the antique fabric.

In its design of the conventionalized fruits and flowers of Spain, this Schumacher fabric faithfully follows the original. A large oval motif of foliage, wheat, and berries, beautifully spaced, encloses a fleur-de-lis and is surmounted by a richly jewelled crown in characteristic Spanish fashion.

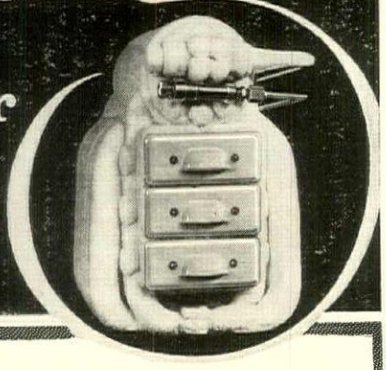
The interest of this brocatelle, a triumph of modern textile weaving, is further increased by the fact that it was woven in this country —at Schumacher's own mills. Other color combinations appropriate to Spanish decoration have also been evolved in the same design.

This brocatelle, as well as a variety of other fabrics especially suited to Spanish interiors and other types of decorative fabrics may be seen at any time by arrangement with your upholsterer or decorator. He will also gladly attend to the purchase for you.

F. Schumacher & Co., Importers, Manufacturers, and Distributors, to the trade only, of Decorative Drapery and Upholstery Fabrics, 60 West 40th Street, New York. Offices in Boston and Chicago and Philadelphia.

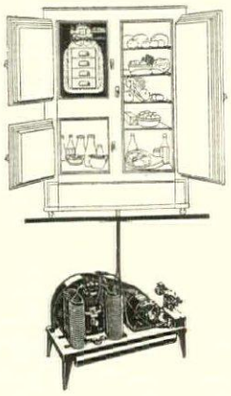
F. SCHUMACHER & CO.

Put this in your Refrigerator instead of Ice—



THIS is the Frigidaire Frost Coil. It has a cooling power equal to a 200-pound cake of ice. It is electrically operated, colder than ice and never melts.

In your refrigerator this coil replaces ice and gives you better refrigeration without trouble, annoyance or inconvenience. Frigidaire provides a uniform cold—always below 50 degrees. It is automatic and requires no attention.



Here is pictured a Frigidaire Air-Cooled Frost Coil installed in an ordinary refrigerator with the Frigidaire mechanism in the basement.

If you would conserve the health of your family and keep the food you eat always at the temperature which Government experts demand for healthful food preservation—install Frigidaire in your home.

There are 17 styles and sizes of Frigidaire. You can install the Frigidaire Frost Coil in your present refrigerator, or you can buy Frigidaire with the refrigerating mechanism and cabinet combined. Frigidaire operates at less than the usual cost of ice and it can be bought at a low price on easy terms.

Write for free Booklet H G-9

DELCO-LIGHT COMPANY
DAYTON, OHIO

Delco-Light Company of Canada, Ltd.
245 Carlaw Ave. Toronto, Canada

PRODUCT OF GENERAL MOTORS

Frigidaire

Economical Electric Refrigeration

The branches of the Dwarf Alberta Spruce are short, close-set, and densely clothed in bright green leaves. It grows from three to six feet in height

THE BEST HARDY CONIFE

(*Continued from page* 50)

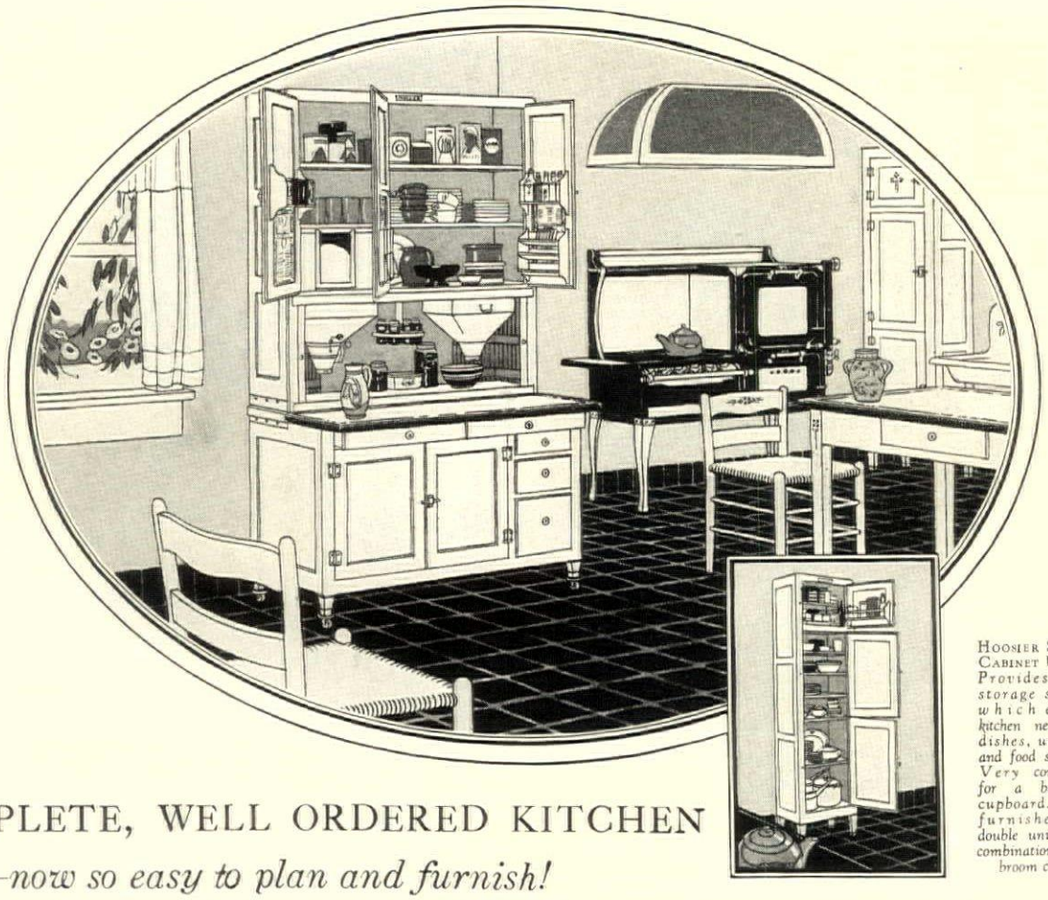
well-rotted stable dung.

In the colder parts of this country where deciduous trees and shrubs dominate the woodlands and where the absence of broadleaf evergreens is so marked, Conifers are indispensable. Restful at all seasons of the year, in winter they afford welcome relief in the otherwise drab landscapes. In lands favored with a genial climate broadleaf evergreen trees and shrubs in variety may be grown but these are denied to us of the north and our salvation is found in the cone-bearing plants. To give full satisfaction a plant must be lusty and healthful and it cannot be either unless adapted to and perfectly hardy in the climate where it is to be grown. This truism is peculiarly applicable to Conifers. For fifty years the Arnold Arboretum has been testing out Conifers from all parts of the known world and the selection given here is the outcome of this half century of experience.

In its White Pine (*Pinus strobus*) and Hemlock (*Tsuga canad* New England is happy in the p sion of two magnificent Con but with the dread blister rust one hesitates to plant the White extensively and fear extends t use of other species of this se Fortunately this disease does n tack the Hard Pines of which are many to select from. No finer than the native Red Pin *resinosa*) with its massive crown densely clustered dark green fo Though superior in New Engla all its relatives it is not appre at its true worth and is less g than other inferior species n the Austrian and Scotch Pine. worthy Pines are the Corsica *nigra* var. *laricio*), the Japane *densiflora*, and *P. ponderosa* fro Rocky Mountains. Among the Pines the best are the Mugh *montana* var. *Mughus*) an Japanese Table Pine (*P. den* var. *umbraculifera*).

(*Continued on page* 104)

The Japanese Red Pine, Pinus densiflora, is shown here in its native scene, where its sturdy qualities have helped it to resist picturesquely, severe winds



HOOSIER SINGLE CABINET UNIT—*Provides extra storage space which every kitchen needs for dishes, utensils and food supplies. Very convenient for a bathroom cupboard. Also furnished as a double unit or in combination with broom closet*

A COMPLETE, WELL ORDERED KITCHEN

—now so easy to plan and furnish!

You can make your kitchen so attractive and convenient—at very moderate expense

By Lois M. Wyse, Director Hoosier Test Kitchens

"The grateful appearance of order '—this is one important way women judge each other's housekeeping. And every efficient housekeeper knows that in no room does it count for more than in the kitchen.

For a confused mind cannot direct deft hands—and what is more confusing than a cluttered, disorderly place to work? What more uninviting, too?

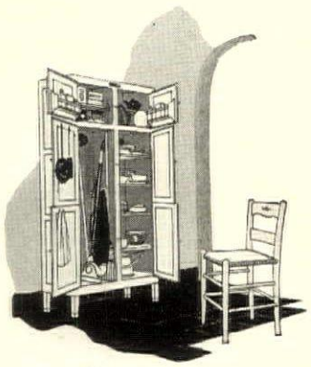
A well ordered kitchen; complete, convenient, restful, attractive—this is the modern kitchen which home economics experts urge for every home.

A really modern kitchen
—planned by Hoosier

And it is now so easy to attain! At minimum cost you can have the inviting appearance and the convenience of perfect order in your kitchen—with Hoosier Kitchen Equipment.

Domestic science experts have planned it in the test kitchens of the Hoosier Manufacturing Company—equipment for all kinds of kitchens; large, small and for homes of average size.

The first modern need which they have provided is for the center of kitchen activity—the Hoosier Cabinet! Scientifically designed in its compartments, storage space and fittings, no smallest detail has been overlooked that might reduce for you the wasted steps and effort which seem so large a part of the day's work



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Combination of shelf unit and broom closet. Broom compartment is fitted to hold brooms, mops, vacuum and all cleaning day necessities. Also furnished as double shelf cupboard

Then the Hoosier movable cupboard units—the most constructive step toward kitchen efficiency since the first Hoosier cabinet was designed! They provide the extra storage space which every kitchen must have, just where it is needed most—*right in the kitchen.*

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large or small

A Hoosier kitchen for you! Furnished completely and handsomely, too. For Hoosier Equipment matches in finish and design—and so you have a kitchen suite as charming as if built specially to your own order and so much more complete in details!

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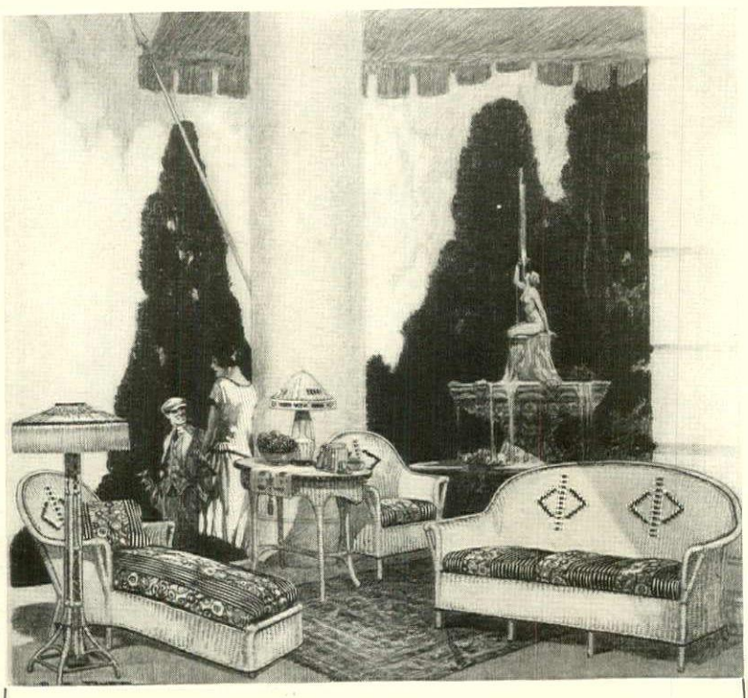

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Karpen Handwoven Fiber Furniture is modern, decorative, practical. Comfortable with that comfort that only Karpen can give to furniture, it has created a new "period" for present day needs and moderate incomes.

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The Colorado Fir, Abies concolor, is conical in outline, of fairly rapid growth, and with leaves of pale green

THE BEST HARDY CONIFE

(*Continued from page* 102)

Feathery and lovely is the Common Hemlock but it is surpassed in beauty by its relative *T. caroliniana* with denser more tufted branchlets which give a billowy appearance to the whole tree. Absolutely hardy with rich black green leaves, silvery below, this tree is ever a picture, fascinating and charming. First introduced by the Arnold Arboretum it is now fortunately within the reach of all who wish to indulge in lovely evergreen trees. I do not wish to disparage the Common Hemlock which is one of the finest Conifers, not only handsome in itself as a specimen or in groups but well-suited for training into splendid hedges. Of the many forms of this tree, the most attractive is the Sargent Weeping Hemlock (*T. canadensis* var. *pendula,*) four plants of which were found on the summit of Fishkill Mountain about 1870. One of the two surviving orginal plants is growing at Holm Lea, Brookline, Massachusetts, the home of Professor Sargent. As the photograph shows this is a perfect mound of beauty. The plant is six feet high, twenty-three feet through and seventy feet in circumference.

Ideal lawn trees are the Firs, impressive and dignified above other hardy Conifers. They delight in a cool climate and are impatient of smoke or soot for which reason they do not thrive in cities or near manufacturing centers. The two best are the Colorado *Abies concolor* and the Japanese *A. homolepis*, or *A. brachyphylla* as it is generally called. The Colorado Fir is a tree of fairly rapid growth with leaves pale gray-green on both surfaces and flat spreading branches in tiers close set one above another, gradually diminishing in length from the base upward. The outline is conical and the branches on trees forty years of age sweep the ground. In the Japanese Fir the branches are longer, more tap and less densely arranged givi broader and looser appearance t tree. The leaves are dark above and silvery white below. two Firs are worthy companion the contrast in foliage is strikin

In New England *A. cilicica* Asia Minor, *A. nordmanniana* the Caucasus and *A. cephal* from the Greece Archipelago a about equal garden value. Seldo all three thrive equally well i same locality, one or the other us showing to advantage. In appea they are very similar, being na conical in outline with rigid, zontally spreading pointed bra and leaves dark glossy green and silvery beneath.

Another Fir which flourishes is *A. veitchii*, native of central with leaves soft to the touch, green above and white below. wild state this is a small tree slender, short branches spreadi form a narrow crown. Culti trees have longer branches, slightly ascending, and the ha rather broad pyramidal.

It is not so easy to apprais Spruces and all of them at years show some defect as ornam trees. Many lose their lower bra at a comparatively early age number of them suffer from insects. The three most promisin *Picea omorika*, *P. engelmanni* *P. abies*, or *P. excelsa* as it is monly called. The first-named Serbian Spruce, a flat-leaved s and the handsomest of its class. trees at forty-three years of ag narrow and irregular in outline abundant character in the poise branches clothed with rich dark foliage, silvery below. The weevil attacks the leading shoot Spruce and though new ones de the growth is retarded. The

(*Continued on page* 106)

The Shower certainly does relieve my fatigue"

HOW many persons have said or thought this after having put in a shower? For the shower *does* relieve fatigue and tiredness.

Showers, too, are often beneficial in cases involving the nervous system. Here they are used in place of medicine. Taken before going to bed a warm shower will usually induce quiet, restful sleep and a cold shower always stimulates.

You can see why then it is said that the shower is *more than just a bath.* However, the shower because it uses the water only once *is* the clean way of bathing. And daily, through use in thousands of homes it is proving its health value to the entire family from youngest to eldest.

There's a type of shower made for every bathroom. We have booklets showing these types. We also have a new booklet quoting authorities on the use and benefits of the shower. Its title is "Where Authorities Agree." We'll gladly send both. In writing please mention your plumber's name.

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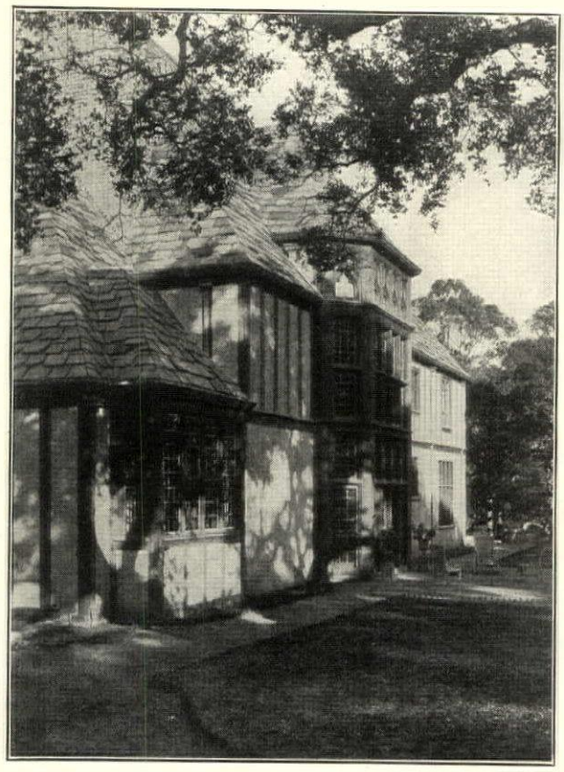

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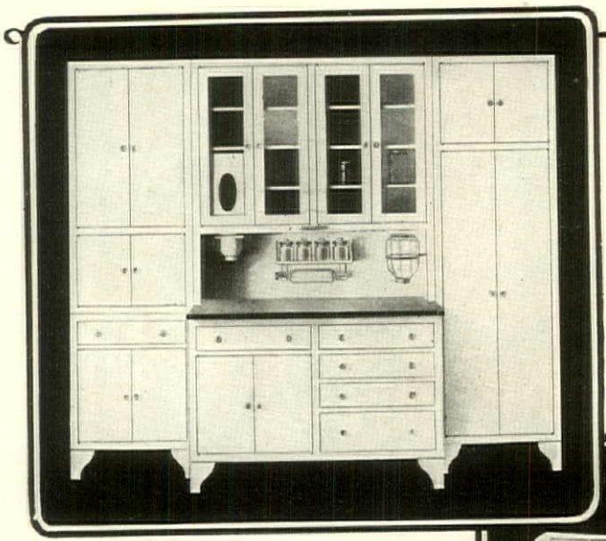

No. 39 Dresser. Width 39 inches. Height 87 inches.

Combination of No. 50 Dresser with Broom Closet and Side Unit. Total width, 8 ft. 6½ inches; height, 87 inches.

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Practical
Durable

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Features of the White House Line Sectional Steel Dressers

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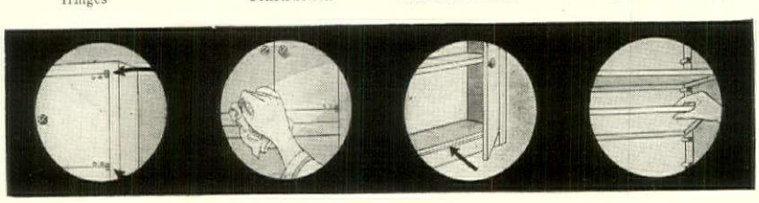


THE BEST HARDY CONIFE

(Continued from page 104)

Engelmann's Spruce with its silvery green foliage and neat pyramidal habit until a few years ago promised to be the finest of all but lately the lower branches have died. No Conifer has been more widely planted in New England than the Norway Spruce, the third of our selection, and in recent years many harsh things have been written and said about this tree. Not always justly and too often it has been condemned for man's own fault. If planted where the winds sweep it becomes scrawny and commonly at fifty years of age the top dies. But if it is grown in sheltered places few exotic trees are more satisfactory. Its long branches and pendent branchlets with their dark green foliage are singularly handsome and the tree is a striking ornament in the landscape.

There are many distinct varieties of *P. abies* and among the most useful are the dwarf forms like *clanbrassiliana*, *gregoryana*, *maxwellii*, *pumila* and *nana*. These are dense, compact, more or less rounded shrubs with bright green leaves, well-suited for all situations where low-growing evergreens are needed.

For the coldest parts of this country one of the best of all Spruces is the Canadian or White Spruce *(P. glauca)*. It is not a large tree and in the open it is conical in outline and well furnished with branches from the ground upwards. The leaves are short, green or slightly glaucous. A few years ago there was discovered and brought to the Arnold Arboretum a delightful dwarf form of this Spruce which has been christened variety *conica*. The branches are short, close set, densely clothed with pellucid bright green leaves and the whole plant is a winsomely beautiful spire from three to six feet tall.

Any account of the Spruces would be incomplete without reference to the Colorado Spruce *(P. pungens)*, the blue form of which has been so abundantly planted. It is another case of a good plant abused. When young it is undeniably beautiful but its indiscriminate and often unwise planting has brought it into disfavor with many folk. Rightly used it has its own place and who will deny the tree here portrayed the attribute of handsome?

THE DOUGLAS FIR

One of the loftiest and most important of all Conifers and from a garden viewpoint one of the most indispensable, is the Oregon Pine or Douglas Fir *(Pseudotsuga taxifolia)*. It is, indeed, one of the world's most noble trees. Its range of distribution in western North America is immense but only the form found on the eastern slopes of the Rocky Mountains is hardy in Massachusetts. For over forty years this form has been growing in the Arnold Arboretum where the trees are fully fifty-five feet tall. The lower branches sweep the ground, others are inclined upward and have a plume-like appearance; the leaves vary from dark green to glaucous, and the whole tree is a beautiful pyramid. Either as a lawn tree, or for avenues, or for massing the Douglas Fir is equally valuable.

Of noble mien, an unmistak aristocrat of ancient lineage, is Japanese Umbrella Pine *(Sciado verticillata)*. With its long, lustr dark green leaves arranged para like in whorls this is one of the distinct of all Conifers. It is fectly hardy, delighting in a moist situation. Young trees from narrow to broad-conical in line and with their glossy foliage dense habit are superb subjects.

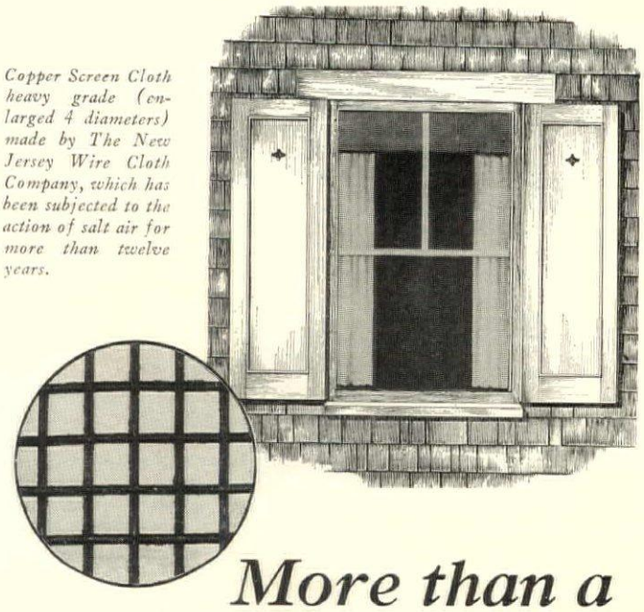
The Larches are deciduous but lovely in spring as they unfold vivid green leaves. A relative des ing of wide recognition in country is the Chinese Golden L *(Pseudolarix amabilis)*, which perfectly hardy tree, in every suitable for ornamental plant Grown in the open the branches long and spread horizontally and habit of the whole tree is singul graceful. The leaves are relati long, pea-green and change to yellow in the autumn.

SOME ABORVITAE VARIETIES

Under the popular but mislea name of Cedar to which the b name of Arborvitae should be ap are grouped a number of decor Conifers, all of which are much when young They are either s like, columnar, conical or na pyramidal in outline and have s like foliage of varying hues of g Though usually looked upon as sh it is well to remember that som them rank among the largest most important of forest trees. of the most useful is the native borvitae *(Thuja occidentalis)* rather small tree usually from t to forty feet tall, narrow conic columnar in outline with light to green foliage. This tree is perf hardy and under cultivation a many distinct forms have origin some with yellow, others with w variegations. They vary greatl habit also and some are particu desirable plants. Among the worthy of tall-growing kinds *vervaeneana*, a smaller tree tha type with young branchlets, golden-yellow changing in wint brownish orange and finally to g *robusta* (better known as "*ware* or "*sibirica*"), dense in habit foliage of a deeper and bri green than the type; *lutescens*, bright golden-yellow branchlets ing the growing season; *plicata*, short branches, rigid, erect br lets and brownish green foliage its forms *argenteo*—and *aureo-* *gata* with silvery and yellow br lets; *columbia* with broad foliag a beautiful silvery variegation; *dula*, with rather slender bra bending downwards, tufted br lets and green foliage. Of d globose forms among the bes *umbraculifera*, *woodwardii*, *h globosa*, *compacta* and *Little* the last perhaps the finest of the

Grand and impressive is the Arborvitae *(T. plicata)* of w North America, the Idaho for which is perfectly hardy in M chusetts. This is a magnificent sometimes two hundred feet

(Continued on page 108)



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THE BEST HARDY CONIFE

(*Continued from page* 106)

with close-set spreading branches much ramified near the extremities, slender, often curved branchlets and densely appressed leaves, yellowish green on the exposed side and much darker on the other.

The Japanese *Chamaecyparis obtusa* and *C. pisifera*, familiarly known as Retinisporas, are closely related to the Arborvitaes and well-known in gardens. In their native country they are lofty trees but under cultivation they have given rise to numerous dwarf forms. There is no finer small Conifer than *C. obtusa* var. *nana* with its close-set branches and overlapping dark green branchlets. There is also a pleasing form known as *aurea* and another, *gracilis*, well described by its name. Of *C. pisifera*, there are many varieties of which I may mention *plumosa* and its forms *aurea*, *argentea* and *albopicta*; *sulphurea*, *squarrosa* and the strange *filifera* with thread-like hanging branchlets.

Characteristic of the open landscapes of northeastern North America is the Red Cedar *(Juniperus virginiana)* which when young is usually columnar in habit with leaves varying from dark green to glaucous. In northeastern Asia is found a closely related species *(J. chinensis)* very similar in general appearance. These have given rise to a host of forms many of which are extremely ornamental plants. Among the most tinct and useful are *J. virginiana tripartita*, *J. chinensis* var. *pfitzer* and *J. chinensis* var. *sargentii*, a excellent ground-cover. Graceful elegant is *J. rigida* with needle-sh leaves and slender branchlets han from ascending stems. The com Juniper *(J. communis)* must no omitted nor its dwarf form *adpr* so abundant on poor rocky soil New England. The Japanese So *(J. procumbens)* is one of the popular of low-growing sorts w for sandy soils and especially shore gardens the low-growing *conferta* with cheerful green fol is in the front rank. As a broad closely hugging the ground, the lightful Waukegan Juniper *(J. zontalis)* is irresistible. The Juni often suffer from attacks of spider but this pest may be kep abeyance by dusting with sulphur

The subject is too large for space at my disposal and readers note many sins of omission. Th unavoidable but it may be helpf it be stated that, omitting n species, in the experience of Arnold Arboretum the best half-d tall growing Conifers for the cli of New England are: *Tsuga liniana*, *Abies concolor*, *A. h lepis*, *Picea omorika*, *Thuja pl* and *Pseudotsuga taxifolia*.

COTTON FABRICS FOR THE HOU

(*Continued from page* 52)

CHENILLE FABRICS. Are not strictly pile fabrics but woven of chenille which is composed of upstanding fibres like pile. Double-faced hangings have one side chenille and one rayon. Novelty over-draperies are ribbed with chenille across the fabric on a rayon ground.

CORDUROY. Is woven like velvet and sheared with roller knives in any width of wale or cord. From the French *corde du roi*, or king's cord.

MOQUETTE. Cut or combined with uncut loops; short pile for plain or figured upholstery, very popular in England; long silky pile for couch and table covers, imitating silk Persian or Chinese rugs.

PLUSH. Long napped fabric, highly finished; for store window displays, novelties and accessories.

RUGS. Of closely woven pile, uncut for bath mats, cut for bathroom, bedroom, nursery, and summer use; improved designs in darker colors now available. Rag, braided, hooked, and smooth woven rugs increasingly used.

TERRY. Uncut loops like Turkish toweling; printed in dark or light colors; single or double faced weaves; often in "new art" designs.

VELOUR. Generally names a thick closely woven pile fabric resisting wear, which manufacturers call velvet, reserving the French term *velour* for the crosswise ridged or layer effect like a shingle hair cut. Grounds and pile are self-colored or changeable; mercerized or plain. Pile mats like beaver fur, while silk velvet is more like Alaska sealskin. Used hangings and upholstery for h theatres, and for automobiles. is popular as well as taupe, whi obtainable in more than eighteen t

VELVET. Inconceivably varied effective, plain or multi-colored signs, from $3. to $25. Woven with rayon, and ramie to vary the e

VELVETEEN. Closely woven matted short pile fabric, inexper often called velvet.

Now that a fifty-inch broc cotton may sell for as much as a yard, and a figured cotton v for $25, increased respect is fel this humble fiber which is acc for all-year use along with silk, and mohair. The South prefers weight cretonnes to tapestry and fabrics, but New York and the ern coast use novelty weaves an pensive stately textiles as well as and gauze. Good designs in su colors are increasing. Higher tones are used and heavy ones doned even in velvets. Holly cedar, scarab, and jade green a vogue and also the green of s willows loved by Early It painters.

Mixtures of cotton, flax, ramie silk produce interesting effects delight the eye, but an all-c fabric gives a homogeneous effe fold and pattern. A little lin the lighter fabrics prevents the st look objected to in some co though not in pile fabrics which their characteristic full rounded ton fold.

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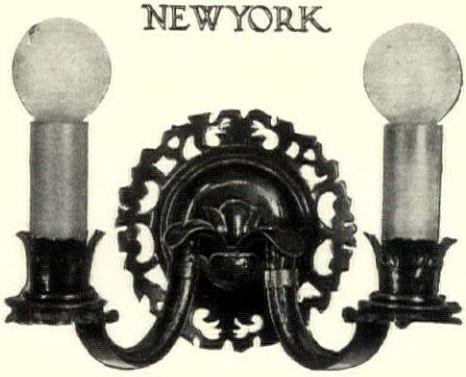

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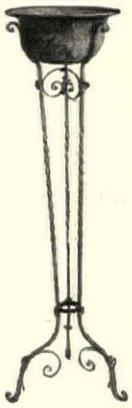

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one's home may readily be planned by correspondence where the owner lives at a distance from New York.

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Featuring Hanging Book Shelves
In Maple, Walnut, Mahogany finishes or painted to suit your sample.

No. 1	Size 32 x 6	*No. 1*	Size 22 x 18
Unfinished	$7.50	Unfinished	$12.50
Finished	11.00	Finished	16.50
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Nos. 1 and 3 painted in black or red. Chinese raised lacquer $18.00 and $25.00 respectively.
Orders promptly filled on receipt of check or money order.

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Antiques *Decorations*
680 Lexington Ave., New York Plaza 7515

Does Your Home Need A New Touch of Color?

a cheerful wall panel . . . ?
a new fireside set . . . ?
candlesticks that are really unique . . . ?
a hand-wrought iron smoking set . . . ?
a bit of brilliant pottery to brighten that dark corner . . . ?

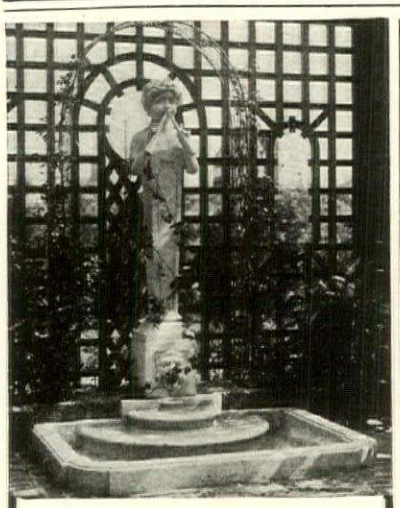
In the pages of this directory, as in the windows of the shops themselves, you see displayed a few of their specialties,—unusual, interesting, and appropriate,—things that add atmosphere to your home.

We recommend these shops to you. In them you will find many more bits of refinement.

If you cannot find just what you want, or if you want further help with any of your problems, we will be glad to have you write to the

House & Garden Information Service

19 West 44th St. *New York City*



FOUNTAINS
bird-baths, sundials, benches, vases, flower-boxes and other interesting garden ornaments (many also suitable for interior use) will be found on exhibition in our studios.
Illustrated Catalogue Sent on Request
THE ERKINS STUDIOS
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SERVICE TABLE WAGON
Saves Thousands of Steps

(1) Has large broad Table Top (20 x 30 in.).
(2) TWO Undershelves (to transport ALL the table dishes in ONE TRIP).
(3) Large center pull-out Drawer.
(4) Double End Guiding Handles.
(5) Equipped with four (4) Rubber Tired "Scientifically Silent" Swivel Wheels.
(6) A beautiful extra glass Serving Tray.

Write for descriptive pamphlet and dealer's name.
THE COMBINATION STUDIOS
504-G Cunard Bldg. **Chicago, Ill.**

customer who comes back growling that it was a hose he wanted and not a colander!

At any rate, with 5,000 different brands of garden hose on the American market, it is decidedly more economical for the average man who buys a length every year or so, to learn something about how to judge a good hose than to keep on experimenting with the other 4,999.

Some wit has remarked that the biggest irrigation project in America isn't the Salt River Dam in Arizona —it's the millions of length of garden hose used on the lawns and the back-yards of the country. Certainly the arid regions are not all out West, by any means, during July and August, and every householder, in self protection, must have his length of hose for garden and grass lot.

An hour's session with a good hose probably ranks next to a course at the golf links as the most popular diversion for the city office man in summer.

And perhaps the "most typical American scene" is a row of tired business men resting on their front steps while they direct the refreshing ministrations of a fleet of hard rubber hose. A sparkling shower on this side to liven up a parched patch in the lawn; a delicate spray over there to caress the sweet peas; a quick sousing for the newly-planted fruit trees; and a fine mist for the tiny seedlings just coming through the ground— yes, that's real recreation, and a lot of satisfaction, too.

But if the hose leaks, it's an entirely different picture. A hole-y hose outclasses most of the exasperations that assail the average householder. It puts water everywhere in the world except where water is at the moment wanted—drenching one's clothing, washing out the delicate seedlings, and trying the operator's temper. Such a hose is worse than none, and better to be sold for junk.

WHY A CHEAP HOSE IS COSTLY

"That hose didn't cost me much, but it wore out so quickly," one tells his neighbor across the yard. What actually happens to a poor hose is not that it wears out, but literally falls to pieces. Cheap hose "dies" because it is largely made from worthless substitutes for the pure rubber gums. These compounds dry out readily, leaving the pigments and mineral matter to harden, shrink, and crack; the inferior cotton cover peels from the fabric underneath, the plies separate, and the unprotected inner tube is soon punctured and begins leaking.

A good hose, well cared for, should give service for five or ten seasons.

From the standpoint of co
tion, there are two kinds of
the market, commonly known
"sheeting hose" and "moulded
Each of these styles has its ad
Either will give satisfactory
provided only that it is o
quality throughout. The p
point for the purchaser to de
which style is best suited to his
ular needs, and then, how to re
these particular qualities whic
for life-insurance in any goo

Sheeting hose is made by
cementing plies of rubberized
sheeting around and around
less rubber tube. When the
thickness is obtained, these a
canized together. You can see
newly-cut cross section whethe
is 5, 6, or 7 "ply" by simply c
the number of these wrappin
look for quality in sheeting h
examine it for the grade of
used, and for the number of
the outside wall. That is, co
number of times the rubberize
is wrapped around the rubb

Sheeting hose with but fe
has the advantage of being co
tively light and strong. Thes
pings are made of strong
fabric, giving a flexibility tha
for ease in handling. This
mends it especially for wom
children to use. The heav
hose is wrapped with heavier
and is the logical choice of
and market gardeners, and
cially adapted to green ho
where the hose must be dragg
rough walks and sharp corn
where the highest pressure
obtained.

Now, moulded garden hose
by an entirely different process
separate tubes, or lengths o
fitted one over the other, are
into a solid unit, with braide
jackets between them. The
hose is usually somewhat hea
stiffer than the sheeting hose,
the advantage of being pr
kink-proof. Moulded hose
bought either with a plain,
cover, or having ribs or corr
running lengthwise.

HOW TO SELECT A GOOD

Good hose in either style
of real "live" rubber; and
cotton fabric. Any dealer wi
in his stock will demonstra
qualities in the material
Avoid rubber that looks old a
for it has already begun
riorate. The best test for liv
is its elasticity. Stretch a p
from the tubing, and if it wi

(Continued on page 11

DIRECTORY *of* DECORATION & FINE ARTS

Hand Wrought Iron English Lantern

With Bottom. Wired complete for outside use; with Ambra glass or mica.
Size of lantern 6 x 9
Center of lantern to wall 7 in.
Extreme projection 11 in.
No. 160 **Special Price, $13.50**

esign and carry a complete line of wrought lighting fixtures, door ers, foot scrapers, are, stands, etc. of exceptional cter, distinctive rtistic.

d Wrought Iron tter Box

f box 8 x 12 x 3 lock; rust proof. 0 **Special Price,** ete, **$6.50**

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Masters of the Metal Arts
Church Street New York
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Phone Franklin 4304

An entire building devoted to the art of manufacturing
Sun Parlor Furnishings Exclusively
Our large and unusual display offers many suggestions in selecting distinctive designs and colors to suit your individual taste.
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Highest Quality - Most Reasonably Priced

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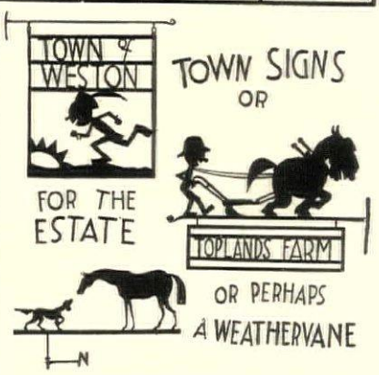

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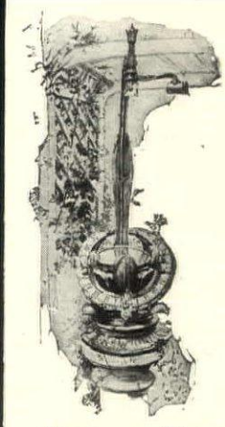

HE PORTER GARDEN TELESCOPE
a Useful and Beautiful Garden Ornament
details and descriptive booklet write Desk C
NES & LAMSON MACHINE CO.
SPRINGFIELD, VT.

Oriental Rug Gems

are scarce; twenty imported this year. While new rugs are always available, it requires forty years to mature good rugs. Furthermore what we know as Antique Quality is not made now.

For those who crave the best, I have old gems vibrant with glinting colors, thick, soft, untreated. I recently inspected rugs offered in regular trade channels in four large cities and saw but one rug of merit. Gem rugs are not offered through regular trade channels perhaps because they must sell at too small a profit. But rug dealers do buy from me for *their own use.*

Send for descriptive list, then make your order for rugs on approval for inspection at my expense

L. B. Lawton
Skaneateles N. Y.

"Necol"
Plastic Wood
(*Wood—in paste form*)
PLIABLE AS PUTTY—WORKABLE AS WOOD

for all HOME REPAIRS

used by
PATTERN MAKERS, CABINET MAKERS AND ALL CRAFTSMEN IN WOOD

A mouldable material that hardens on exposure to the air, giving a body and a surface just like wood. When set, Plastic Wood can be cut, sawed, planed, polished or varnished. Will hold nails, screws and tacks. Waterproof and climateproof.

Send for descriptive circular H.

C. Tennant, Sons & Company
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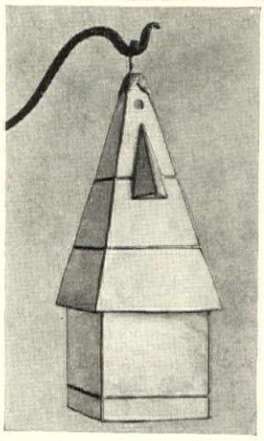

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Near 45th Street New York City

How About ***our Living Rooms?*

s it just right?...Now?...Or vith a big Satsuma bowl on the Hepplewhite...table or painted apacloth with the red laquer ookends?

To devise color schemes...to ecognize balance...and develop our artistic bent—get that tall ed-brown-covered bit of magic hat tells you just how—and uggests ideas for every room n the house—in articles and hotographs—300 illustrations —110 pages—

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$4
HOUSE & GARDEN
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Hepplewhite? Sheraton? Chippendale? the Adams? Can you tell whether a piece of furniture is English "renaissance" or "restoration"? Or English at all?

There is deep satisfaction in the possession of *expert* knowledge of furniture and other house furnishings. It will increase your enjoyment of all the beauty with which you come in daily contact. And it can be acquired easily. The

ARTS AND DECORATION PRACTICAL HOME READING COURSE IN INTERIOR DECORATION

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STUDY INTERIOR DECORATION AT HOME

Complete home study instruction in the use of period styles, color harmony, composition, textiles, curtains, wall treatments, furniture arrangement, etc.

Start at once. Send for Catalog H

The NEW YORK SCHOOL of INTERIOR DECORATION
101 PARK AVE · NEW YORK CITY
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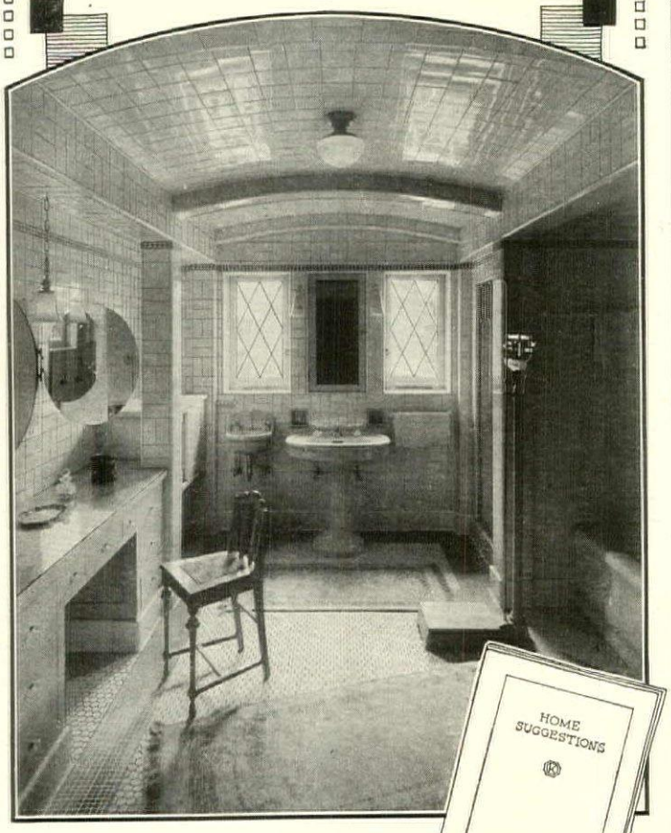
Beautiful TILES

Never Renewed Yet Ever New



NOTHING will place your guest at ease more easily or completely than a tiled bathroom.

FREE ON REQUEST

It welcomes with its attractive brightness. Spotless walls and ceilings—border designs of suitable color—close-fitting floors of distinctive pattern—all set apart the tiled bathroom as the acme of cleanliness, beauty and freshness.

Tiles are responsible for "America's bathroom civilization." Always fresh and bright, they hold the leadership in interior decorations today, as through the ages.

Tiles are the recognized standard of comparison for other bathroom materials. They stand at the top—clean, neat, sanitary. A tiled bathroom is the very finest kind of a bathroom you can possibly have in your home. It is the "gleaming jewel-box" of the American home.

Tiles will outlast the house, never lose their fresh lustre, and can be easily cleaned with a cloth and hot water.

Write today for your copy of "Home Suggestions"—an attractive book illustrated in colors and depicting typical uses for tiles in the modern home.

Producers of Beautiful Tiles:

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The National Tile Co.
The Old Bridge E. B. & Tile Co.
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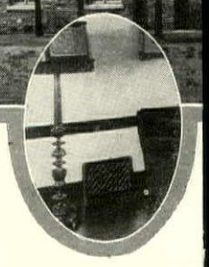
The United States Encaustic Tile Works
Wheeling Tile Co.

Ask Us Anything About Tiles

ASSOCIATED TILE MANUFACTURERS
315 7th Avenue Beaver Falls, Pa

Residence of Dr. John H. Murray, Trenton, N. J. John Phelps Pette, Architect



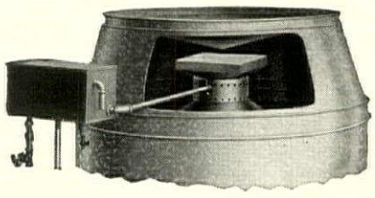
Replace the Wasteful Heater

If your heater is old and worn out, you are spending money for coal every year that might better be applied toward the Kelsey Warm Air Generator.

The saving would pay for it, the waste would be stopped, and you would enjoy the comfort for which Kelsey Health Heat is famous.

At the lowest possible fuel cost, Kelsey Health Heat gives you an abundance of fresh, warm air, while the automatic humidifier supplies the necessary moisture which adds so much to your comfort and benefits your health as well.

The Kelsey construction is totally unlike any other heater, and it will pay you to investigate.



The Automatic Humidifier

Let us send you "Kelsey Achievements," and any other heating information you desire.

THE KELSEY
WARM AIR GENERATOR
(Trade Mark Registered)

237 James Street, Syracuse, N. Y.

Sales Offices
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KELSEY HEALTH HEAT

SANITAS
STANDARD
STP
TEXTILE PRODUCTS CO
BRAND
REG. U.S. PAT. OFFICE

Look for this trademark on the back of the goods

SANITAS
MODERN
WALL COVERING

A practical wall covering that a damp cloth can keep clean

THE rooms of your home are not scenes in a play, with scenery that must be shifted for each new act. Home is where you live, relax, are comfortable and settled. Let's have the walls look as if you were going to stay awhile to enjoy their decorative beauty.

Of course, if the walls were to become soiled and dingy, if the children tried to improve the patterns with their fingerprints—you probably would get tired of such walls; who wouldn't? But with Sanitas Modern Wall Covering on the walls, all that is easily wiped off with a damp cloth and the colors kept clean and fresh.

Sanitas comes in styles for every room in the house. It is made on cloth, painted in durable oil colors, ready to hang. It does not fade, crack, tear, peel, or blister, and can be applied over any flat surface. On old walls, when the cracks are properly filled they cannot show through, and on new walls, Sanitas can be applied as soon as the plaster is dry.

You can see Sanitas at your decorator's.
Ask us for samples of Sanitas and an illustrated booklet telling all about it.

THE STANDARD TEXTILE PRODUCTS CO.
320 BROADWAY, NEW YORK
DEPT. 30

les for every
m in the house

Enamel Finish
olors and tile and mosaic for kitchens, bathrooms, ies, etc.

Flat Finish
ints that can be hung as ome, or stenciled, fres- r Tiffany blended.

ecorative Patterns
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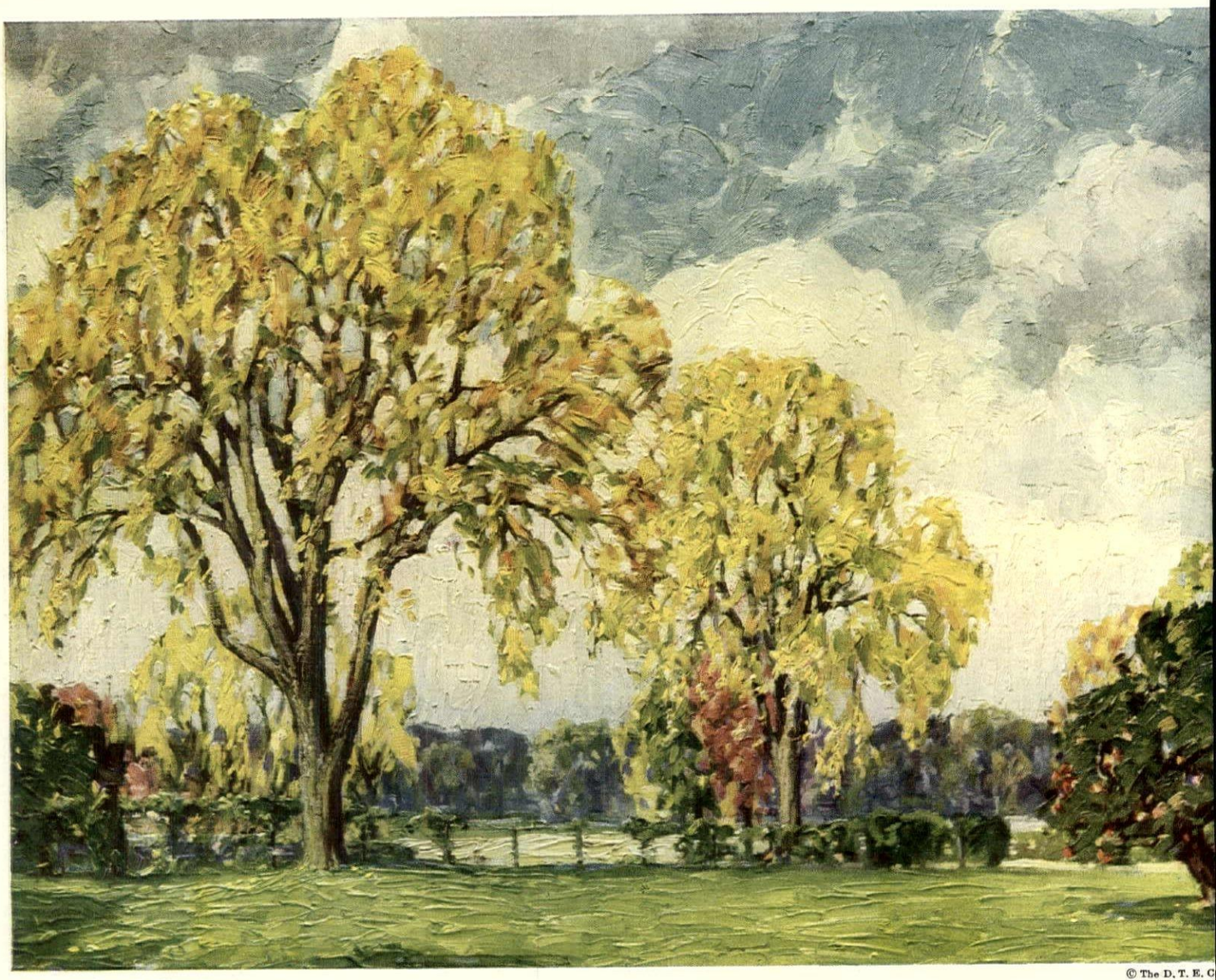

© The D. T. E. C

Reproduction from a painting of Harbel Manor, the estate of H. S. Firestone, Akron, Ohio, by Frank Swift Chase

Among prominent persons and institutions served by Davey Tree Surgeons are the following:

EDWARD BOK
IRVING BACHELLER
FRED W. UPHAM
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CITY OF CLEVELAND
NEW YORK LIFE INSURANCE CO.
FORT WILLIAM HENRY HOTEL
DE PAUW UNIVERSITY
POTTER PALMER
COL. H. H. ROGERS

JOHN DAVEY
Father of Tree Surgery
Reg. U. S. Pat. Off.

Danger symptoms in your trees

Are the leaves of any one of your trees turning brown prematurely? In many cases this is caused by a lack of water or possibly by a lack of food. It might indicate a gas leak or some special disease.

Are any of the leaves yellowish? The leaves of most trees have a rich dark green color, and a yellowish appearance often indicates a lack of water, or a lack of food in the soil (probably nitrogen), or both.

Are any of the leaves undersized? This generally indicates a lack of food elements; namely, nitrogen, phosphorous and potassium. A tree requires food just the same as any other living thing.

Is the foliage of any tree thin or sparse? This usually indicates a lack of both water and food. It might mean an attack by a specific insect or disease.

Is any tree dying back at the top? This might signify that the roots had been smothered, or cut too severely, or drowned, or that the water had been drained away. It might indicate a lack of food elements, or a serious insect attack.

Is any tree full of dead branches? If so, the tree may be too dense, or it may be suffering from a specific disease or insect enemy. Dead branches are a menace to the h of a tree.

Is the bark splitting or falling off? This might be ca by frost injury, or sun scald, or gas poisoning, or some chanical injury

Does any tree have a V-shaped crotch? Is this crotch s ing to split apart? If not, it is only a question of time it will. Splitting crotches are often indicated by a large on either side, or by discolored water oozing out.

Are there any decaying cavities? Open cavities are observed, but many times decay is hidden. Decay re from active fungous diseases; once started, it never until arrested by human skill. The principles of treat are somewhat similar to dentistry. Hidden decay ma indicated by a swollen place on the trunk, or by a su bark area or by a dried bark area, or by a bark discolora or by small holes. Sometimes it is indicated by wood on the bark or on the ground.

A tree with any of these symptoms needs a real Surgeon. It is on the way to premature death. It n be too far gone to save, but if it is possible to save it D Tree Surgeons can do it. Write or wire nearest office.

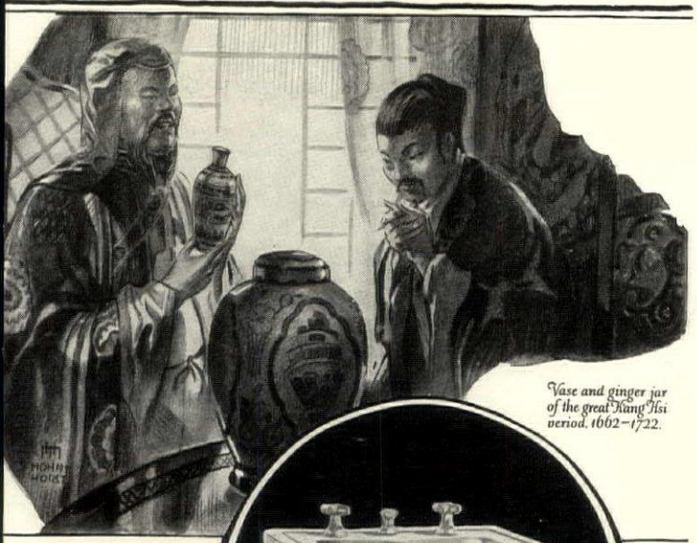
THE DAVEY TREE EXPERT CO., Inc., 117 City Bank Bldg., Kent, Ohio

Branch offices with telephone connections: New York, Astor Trust Bldg., Fifth Ave. and 42nd St.; Albany, Volckert Bldg.; Boston, Massach Trust Bldg.; Philadelphia, Land Title Bldg.; Baltimore, American Bldg.; Pittsburgh, 331 Fourth Ave.; Buffalo, 110 Franklin Street; Cleve Hippodrome Bldg.; Detroit, General Motors Bldg.; Cincinnati, Mercantile Library Bldg.; Louisville, Todd Bldg.; Indianapolis, Lombard Chicago, Westminster Bldg.; St. Louis, Arcade Bldg.; Kansas City, Scarritt Bldg.; San Francisco, Hobart Bldg.; Montreal, 252 Laugauchetiere,

DAVEY TREE SURGEON

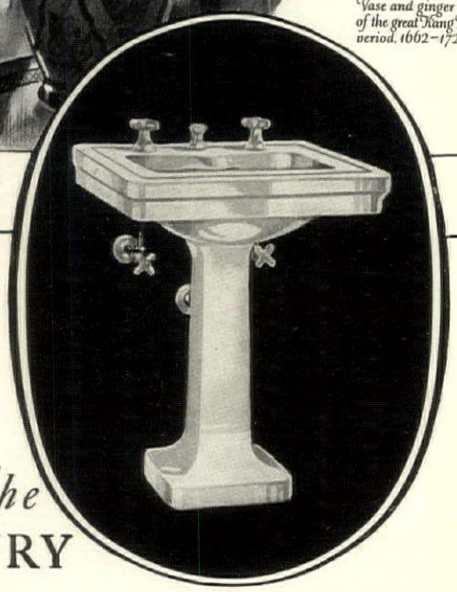
Every real Davey Tree Surgeon is in the employ of The Davey Tree Expert Co., Inc., and the public is cautioned against those falsely representing themselves. An agreement made with the Davey Company and not with an individual is certain evidence of genuineness. Protect yourself from impostors. If anyone solicits the care of your trees who is not directly in our employ, and claims to be a Davey man, write headquarters for his record. Save yourself from loss and your trees from harm

MADDOCK
Sanitary Fixtures



Vase and ginger jar of the great Kang Hsi period, 1662–1722.

bjets d'art



The
MADBURY
K-2000

White Vitreous China Lavatory with Integral Supply Nozzle, Cleansing Overflow Feature, Square Bowl, Anti-splash Rim and Square Pedestal. The fittings on the top of the Lavatory are entirely covered with china trimmings. This lavatory is made in the following sizes—
20 x 24 22 x 27 24 x 30

THOMAS MADDOCK bathroom appointments are in harmonious accord with the home in which every detail of equipment is inconspicuously correct.

THOMAS MADDOCK'S SONS COMPANY
Trenton, New Jersey.

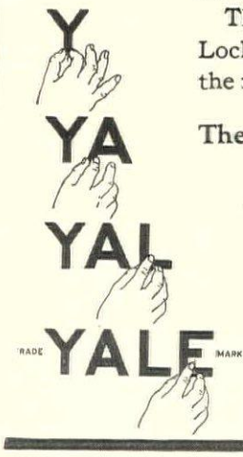
THE burglar stays outside! He can't pass and he knows it. Or if he hasn't yet learned, he soon finds out. There's a lock behind that door he can't force, fool, or foil.

His smashing attack or his light fingered ingenuity gets him—nowhere. It isn't merely the amount of metal in the lock. It's the skill of the Yale workmen who have built into that lock the mechanism that bars his passage.

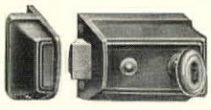
You'll feel better when every entrance of yours is barred by a Yale Guard Lock. Ask your hardware dealer to show you the Yale steel-bar lock No. 10, or the Yale hook-bolt lock No. 92. Or, the Yale 44 Automatic—the lock that automatically deadbolts your door and never forgets. A closed door is a deadbolted door with a Yale 44 on the job.

There is only one manufacturer of Yale Locks and Keys. The Mark YALE means the name of the maker.

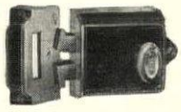
The Yale & Towne Manufacturing Co.
Stamford, Conn., U. S. A.
Canadian Branch at St. Catharines, Ont.



Yale 44 Automatic
with the double throw



Yale No. 92 Guard Lock
with the hook-bolts



YALE MADE IS YALE MARKED

A Hastings Dining Suite of Charm and Individuality

For the smaller dining room in apartment or cottage, this striking Hastings suite is particularly appropriate. Inspired by rare old masterpieces, it unites the sunny, spirited character of Italian design with the serviceability and comfort that modern living requirements demand. From softly cushioned chairs to the commodious Welsh deck sideboard, it is carefully planned to make dining a pleasant occasion.

Like all Hastings creations, it is priced well within the means of all lovers of fine furniture.

HASTINGS TABLE COMPANY
Hastings Michigan
Factory Sales Office and Display, Grand Rapids, Mich.
Direct all correspondence to the plant at Hastings

Write—
The Hastings brochure, "Occasional Pieces that Enrich the Home," contains many happy suggestions for beautifying your home at small cost. May we send your copy?

The soft, glowing finish of this distinctive sideboard makes a most attractive background for silverware and brightly colored china.

HASTINGS
HASTINGS THORO BRED TABLES
The MARK of FRED E. HILL and his associates
Furniture

LONGEVITY IN LAWN HO

(Continued from page 110)

to its former shape you need not fear that you are investing in a "one season buy."

A ribbed or corrugated cover adds greatly to the life of a hose, as the ribs take the hard knocks and protect the cover from abrasions when it is being dragged across sidewalks and over rough ground.

If it is a moulded hose that you are selecting, the salesman, to test it, will often knot and twist the piece as roughly as his strength will permit. This test is as severe as any to which the hose will ever be put in ordinary service, and shows what it can stand without becoming kinked. The importance of this can be appreciated when you remember that most leaks start from soft spots which developed from the kinking of the hose.

Size is a more important consideration in buying hose than most people think. We often hear persons carelessly refer to the size as, for instance, an "inch hose," because the outside diameter is about an inch. Of course, the only correct way to designate size is by the inside diameter of the hose, which is the water channel.

In regular sizes, there are one-half, five-eighths, and three-fourths inch water channels. Most dealers carry all three sizes. Where water pressures are high, or a light hose is needed for women's and children's use, the half-inch hose is often preferred. While in places where the pressure is light and as much water as possible is wanted in a short space of time, the three-fourths inch hose has been popular.

Of course the diameter of the faucet is what determines the amount of water as it leaves the house system and enters the hose. To get the full flow, the hose should be a trifle larger than the faucet in order to overcome the loss of force through friction against the side-walls of the hose. As one rarely finds a silcock or house faucet whose inner diameter is greater than half an inch, a five-eighth inch hose is usually a practical choice. It is not wise to get a larger size than is necessary, for it is not only heavier, more liable to kink, and more expensive, but it has a lower bursting power.

Ordinarily it is wiser to buy two lengths of twenty-five feet rather than one of fifty. By this expedient, you can avoid dragging the long heavy apparatus around, when you need only a short length, say, for washing the car.

BEING SQUARE WITH A ROUND HOSE

Some folks treat their hose as if they had a grudge against it. No garden hose is indestructible. The best of them can be destroyed with abuse if you go about it with vim enough.

Leaving the hose exposed to the elements all summer or hung over the faucet at the side of the house will shatter the constitution of any type. Garden hose may be waterproof but it is not proof against alternate soaking and then broiling in a July sun. Such continued experience thr one season will take more out good hose than several years of sible handling.

The hot sun is a fatal enem rubber in any form. Just as r bands left exposed to the direct of the sun in the office windo jar rings in the kitchen, will so the surest way to ruin your g hose is to leave it on the lawn using.

Leaving the hose across a c walk for the market boy to run with his truck, is unpardonable ment. The cover is pretty sure cut in every case of this kind. ging it around the corners o house, or bending it sharply as instance, when hung up over a peg or spike, will ruin even th quality of hose.

HERE'S A "REAL" ECONOM

A substantial reel, upon whi wind your hose when it is not i is a real economy. Two small on this device will help, if you move your "water works" aroun siderably. An excellent plan, hose is to be worked from one only, is to construct a reel to from the ceiling just inside the ment window near the faucet. absence of a reel, provide wooden pegs against the wal hanging, arranged in such a w to keep the loops well rounded.

A good hose will last fully as long if always rolled up car and stored in a dark, cool pla brick garage is a good choice, basement, if it is not too damp member to drain your hose thoro after each using; a "soggy" hos soon become a flabby one.

Another point in the care of goods is to keep them away fro Oil is a preservative of leather it makes it wear better, but it h the opposite effect on rubber. spots follow the absorption of of oil; the rubber becomes st and weak, and then bursts pressure.

Investment in a good hose to bring returns for several se there are instances on record of which have been used ten and years. The safe course is to from standardized brands whe name of the manufacturer stan something—those makes which resent the "survival of the f so to speak. In that way you by the experience of the large of people who, through actual hose, have assisted in standar these brands. Then give the sa and judgment to the personal tion of a length of hose th would exercise in the choice fine garden tools. Having mad purchase, learn how to safeg with the proper care. Ther saying that a "good horse pa his stable and oats"; let us add "good round hose pays for treatment."

Typical of the artistic finesse of Ottawa designers and the painstaking craftsmanship of the Ottawa Dutch woodworkers is the group illustrated above. The new suite of which it is a part displays classic simplicity and rich decorative effects in unusually happy combination. The fine details of legs and stretchers, the rare antique brassware, the onlays of rosewood—all are characteristic of furniture much higher in price. You will enjoy examining this Ottawa creation at your dealer's.

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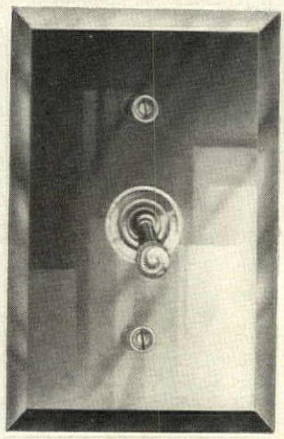
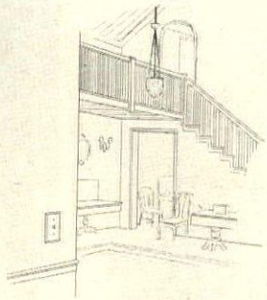
will gladly send brochure pic- g several ex- te Ottawa pro- ons on your est. Kindly ion your deal- name.

OTTAWA FURNITURE CO.
Holland, Michigan
Wholesale Display, Manufacturers' Bldg.
Grand Rapids, Michigan

OTTAWA *Dining* FURNITURE

"A Quality that Keeps the meaning in the word."





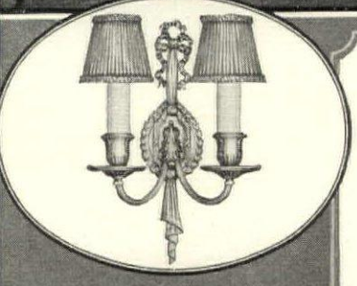
PATENTS PENDING

The New Vogue in Switch Plates

Norco Cut Glass Switch Plates add a touch of beauty to walls of any color or material. Handsome, distinctive switch plates made of mirrored plate glass. They cannot tarnish. They cannot grow dull or unsightly. The touch of a cloth keeps them spotless. The switch plate is the most obvious part of electric equipment. Specify Norco Cut Glass Switch Plates and they will be the most beautiful. Ask your architect. Write for illustrated booklet.

THE SWITCH PLATE CORPORATION, NORFOLK, VA.

NORCO
CUT GLASS SWITCH PLATES



TO BUY fixtures manufactured by Lightolier is to secure the most for your lighting fixture dollar. Their superlative beauty and enduring finish will be appreciated only when you see Lightoliers on display and realize how attractive decorative illumination can be. And their cost is far less than you might expect.

Write for Portfolio R of Charmingly Illuminated Interiors.

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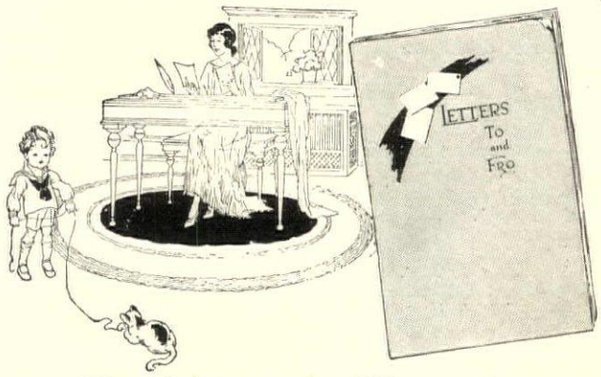
at Prince St.
New York City



Building A Home?
Then Send For This Booklet

IT'S about heating.
Not any one system, but facts you want to know about all of them, before deciding on any of them.

The facts are told in letters—real letters—that were written by six different people to a couple who were planning to build.

Intensely interesting.
Sometimes amusing.
Always help-filled.
Printed in four colors.
Attractively bound and beautifully printed.
Send for it.
Use the coupon.

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Burnham Boiler Corp. Irvington, N. Y.
Send me your booklet on heating called "Letters To and Fro".
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Address .....
H.&G.

Cuts Your Lawn *and* Trims at the Same Time

MONTAMOWER is the ideal lawnmower for which you have been looking for years. Not only does it cut the lawn evenly and smoothly without wheel marks or ridges but it also trims right up to walls, trees, shrubs, etc., without leaving any fringe to be cut by hand.

MONTAMOWER

New—simple—durable, efficient—the result of ten years of development—guaranteed mechanically perfect—no gears or long thin blades to get out of order or break. Light—weighs only 7½ lbs.—handles as easily as a rake—a woman or child can operate it without effort.

Trims Close—No Harm to Trees

MontaMower cuts clear to trees, shrubs, etc., without harming—no cutting by hand necessary. Made to last for years. Blades may be replaced by new ones after three or four years at small expense.

MontaMower cuts the lawn perfectly and trims clear to walls, fences, etc.,—no fringe left to be cut by hand. Saves time and wearisome labor. Grass catcher can be easily attached.

Order a MontaMower Today

Send check or draft for $18.00 direct to factory. Guaranteed to be as represented or money refunded. Delivery charges prepaid if remittance accompanies order.

MONTAGUE MFG. CO.

149-154 Louis St., Grand Rapids, Mich.

Export Dept., 19-25 W. 44th Street, New York City

$18

Direct from factory

MAIL COUPON TODAY

Send me one MontaMower by parcel post, prepaid. I enclose $18.00 in full payment.

Name.....

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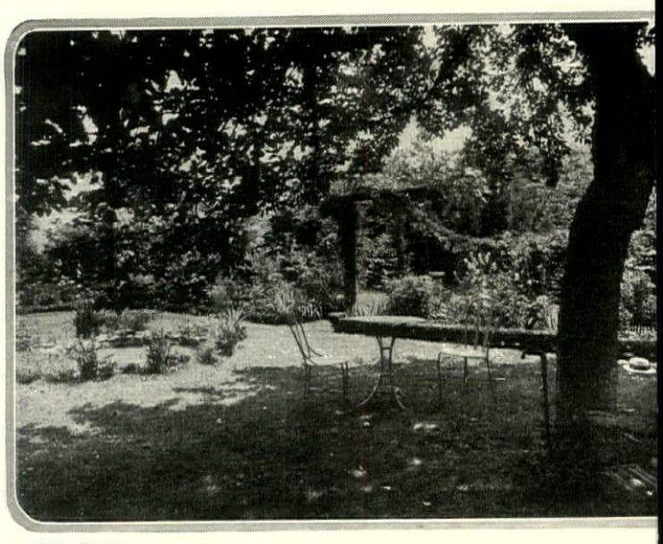


Drix Duryea

Under the apple tree comfortable benches and chairs, together with a little iron table for cooling drinks, insure ease for the onlookers

WATCHING TENNIS IN COMFO

MINGA POPE DURYEA

THIS is an age in which making ourselves as comfortable as possible under all circumstances is one of our chief aims—or it should be.

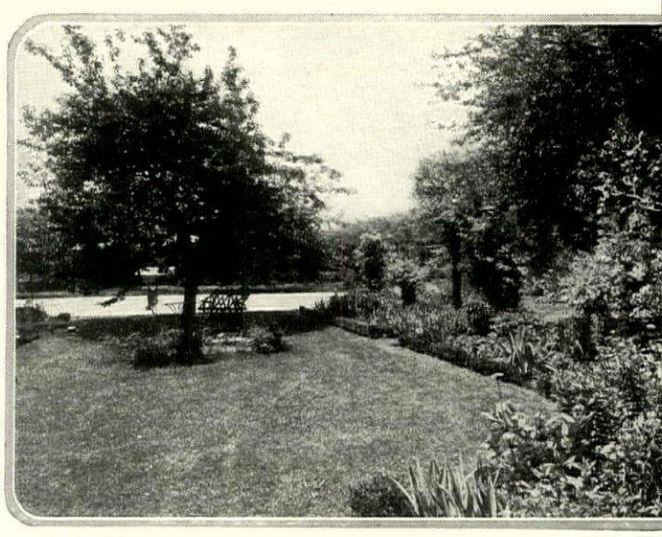
Time was, when to enjoy sports as an onlooker you perched yourself on a stone wall and squinted, or sat on a hard, stiff little chair on the lawn and baked while you beheld the objects of your interest leap about in the various graceful forms of activity. But now comfort is sought with outdoor pleasures and sports—for the audience, anyway.

Watching tennis in comfort is achieved by the onlookers and by the participants at various resting intervals in a charming little enclosed garden on Long Island, where the spreading branches of the apple-trees have been utilized to wonderful advantage. In their shade are placed comfortable benches and chairs as well as an iron table. Here the onlookers can really enjoy watching the game, and tea and cool drinks served, so that almost an o room is realized.

As the photograph and plans the central scheme of the gard a simple circular rustic pool th of which is formed by rough among which are planted Ir various rock plants. The app end of the garden opens direc the tennis court, which in this of clay and contrasts deligh with the green turf carpet garden.

Outlining this garden, and ing it as well, are rustic posts b which are trained in festoon f tion, on wire, the Dorothy P Roses and the white Gardenia This forms almost a wall abo space. Three rustic arbors ma these same posts give entranc egress between this festooned and the rest of the world.

(*Continued on page* 118)



Drix Duryea

Garden and tennis court are distinct and yet skilfully united. The clay surface of the court contrasts pleasantly with the green turf and planting

Emphasize the Beauty of Your Garden

As an appropriate frame brings out the beauty of a picture, so does a Wheatley Flower Box emphasize the charm of beautiful flowers.

An artistic study of the requirements of both the natural and formal garden is evidenced in the wealth of authentic designs from The Wheatley Pottery. These become an integral part in the creation of greater beauty and are ever a delight to the eye.

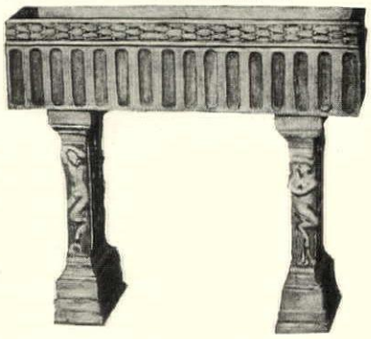
Write for catalog showing 200 different designs of bird baths, jardiniers, fountains and boxes.

Dealers—Write for Interesting Proposition and Discounts on

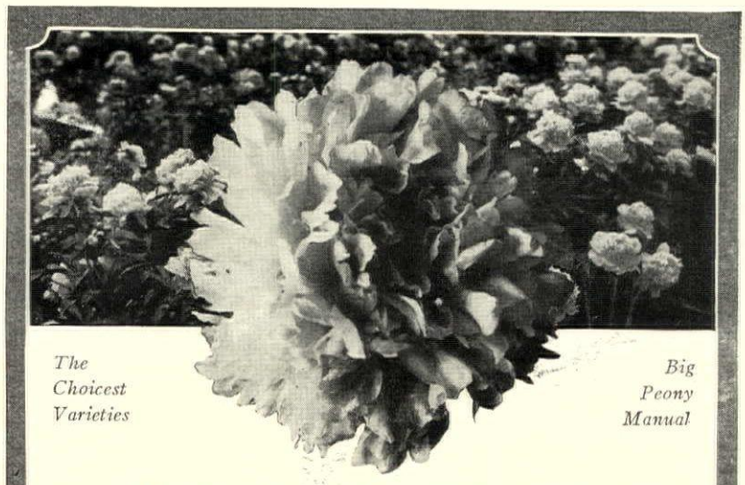
GARDEN POTTERY
FAIENCE TILE

The Wheatley Pottery Company
4617 Eastern Ave.
Cincinnati, O.

238-240
pprox. net weight 80
unds, 24 inches high
Price $12.00 net



402-363
Box and stand
30 inches long,
11 inches wide,
10 inches deep
Price Complete $25.00
Approx. Weight 125 lbs.



The Choicest Varieties

Big Peony Manual

World's Most Beautiful Peonies

We are carrying in stock this season, for fall sales, what we believe to be the largest stock in the world, of the choicest of the world's most beautiful peonies.

Commencing in September we can supply in large, well grown yearling plants, or in our usual large divisions, the following choice varieties:

Le Cygne; Solange; Lady Alex. Duff; La Fee; Tourangelle; Longfellow; Philippe Rivoire; Luetta Pfeiffer; President Wilson; Mme. Jules Dessert; Kelway's Glorious; Therese; Frances Willard; Martha Bulloch and many others.

Remember that Brand's peonies captured the three big prizes at the last National Show of the American Peony Society (two Gold Medals and the Silver Medal) it being the first time in the history of the Society that all three medals were awarded to one grower.

Brand's Big Peony Manual tells all about this wonderful choice stock, the most beautiful contributions in recent years to the peony world, and offers one of the largest lists of Japanese peonies carried in America. It also makes a special offer on that great Japanese peony "Fuyaja." Write for a copy.

Growers of Peonies over 50 Years

THE BRAND PEONY FARMS
Box 20 Faribault, Minn.

"How clean and healthy your stock looks"

This is a common exclamation from those who visit our Nurseries. Indeed, the State Inspectors marvel at the freedom from insects and disease manifested by Rosedale Stock. Evergreens may be safely planted in early September. September is the ideal month for planting Hardy Perennials. By aid of the September rains they become thoroughly established and ready to give abundant bloom the following Spring. Our supply of Delphiniums, Irises, Peonies, Phlox, etc., was never better.

Our Landscape Service

has helped many to beautify their homes during the past quarter century. If you need more assistance to solve your planting problems than is contained in our helpful literature, you would do well to ask for our terms. Visitors welcome, except Sundays. On the Sawmill River Road, 1¼ miles north of Westchester Co. Alms House.

Acres of Peonies

Nearly 200 varieties, all carely selected, embracing a full ıge of colors, a long blooming riod and a variety of forms—gle, double, etc. Many are fraınt. Rosedale Peony Plants heavy one, two and three year cimens. Planted this Fall, they l bloom next Spring.

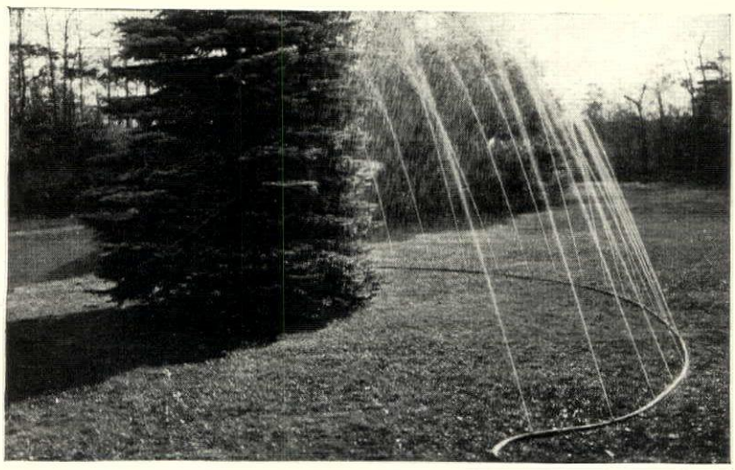
Autumn Booklet

Quotes moderate prices on our complete line of Trees, Shrubs and Roses. Gives six good reasons for Fall planting. Tells just what you want to know about Peonies and other Hardy Flowers. Lists all sorts of Nursery Stock. If you have not yet received a copy, write today.

ROSEDALE NURSERIES
"Outfitters for the Home Grounds"

"Prices as Low as Consistent with Highest Quality"

ept. B Tarrytown, N. Y.



To keep grounds beautiful—

Use a Breck's Irrigator It simplifies watering

FOR lawns, flower gardens, vegetable gardens, shrubbery, golf greens—one efficient and practical sprinkler for them all!

Breck's Irrigator (patent applied for) is one of the most versatile watering devices known. . . . Briefly, it is a length of highest grade hose fitted with solid brass spray nozzles . . . so flexible you move it easily from place to place and adapt it to any kind of watering. It will lie flat along a hedge or coil about an evergreen and give it a gentle, thorough, drenching shower. No moving parts to get out of order. Nothing to take apart—you roll it up just like a piece of hose. Sprays with even a moderate pressure.

Fifty-foot length sent upon receipt of $25.00, prepaid east of the Mississippi; sent express collect west of the Mississippi. Sold also through 500 Breck Stores in New England.

Send for descriptive circular Z
"50 FEET OF 100 PER CENT SERVICE"

JOSEPH BRECK & SONS
60 North Market Street, Boston, Mass.

They Come from Farr

The Iris Planting Month

August is the best month to plant Iris.

Farr's is the best place to buy Iris for I have more varieties of Iris and more Iris plants than any other plantation I know; thirty acres devoted exclusively to Iris.

So complete is my collection and so satisfactory the service rendered that most of the nationally known landscape architects specify Farr's Iris.

Better Plants—by Farr

is the most comprehensive Iris catalogue published. Nearly 300 of the better foreign and American varieties are accurately described; each has a rating of 7 or better in the American Iris Society's Symposium.

BERTRAND H. FARR—Wyomissing Nurseries Co.,
106 GARFIELD AVE., WYOMISSING, PENNA.

BETTER PLANTS by Farr

BETTER PLANTS BY FARR

are described and illustrated in *Home Landscapes 1924*, a most delightful book that makes the average man and the millionaire smile with joy.

Records of achievement with Hicks Trees and Shrubs are presented in a charming fashion by Miss Amy Cross and Henry Hicks. "A Successful Large Garden" and "A Successful Small Place" (the latter only one-half acre in size) are shown in picture and story. Hundreds of the best plants, including new, unusual and rare kinds for garden decoration, are described and illustrated. Send for a copy; it is free.

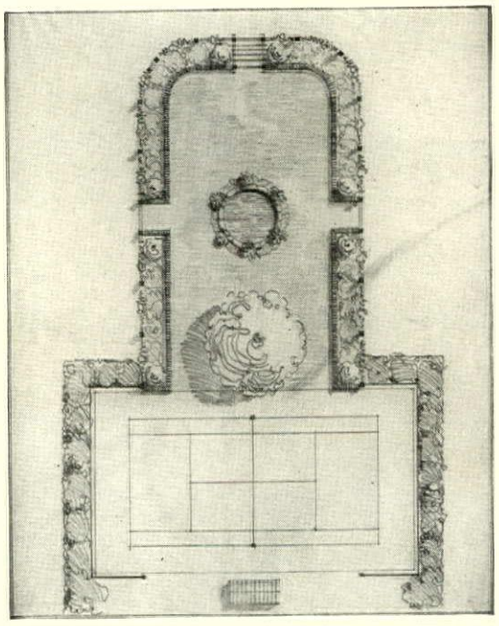
Hicks' Yew

A new variety destined to be popular for its pointed form and dark green foliage. It has proved to be hardy in Eastern Massachusetts which indicates that the northern states may now have Yew hedges, and specimens. It is a delightful plant, you will prize it. 1 to 1½ ft. specimens $5 each.

PLANTING ALL SUMMER is as easily and successfully done as spring and fall planting when Hicks trees and shrubs—grown and prepared for moving at any time—are used. Prove it out by trying it this summer.

HICKS NURSERIES

Box H, WESTBURY, L. I., NEW YORK



The outline of the group is marked by Dorothy Perkins and white Gardenia Roses, trained in festoons and set off by a herbaceous border

WATCHING TENNIS IN COMF

(*Continued from page* 116)

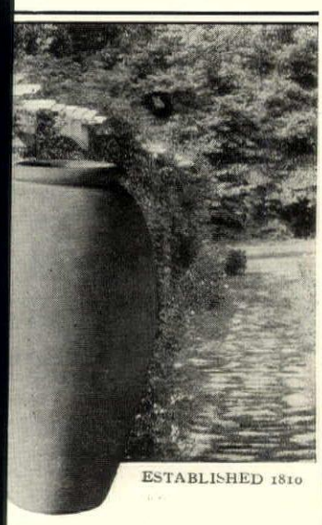
At the base of the posts is planted a lovely herbaceous border with its tall spikes of Hollyhocks, Delphinium, Anchusa, Madonna Lilies and Buddleia. The herbaceous border is edged with a low row of dwarf box. You will notice from the plan that the farther end of the garden from the court has a circular formation instead of a square one.

About the lawn at the end of the court large cushions are placed on the grass for the audience to sit upon. These cushions are about 28 inches by 40 inches and are covered with bright colored calico piped in yellow, or in any color combination that suits your garden. They can be bought at any department store—not in stock, but made to order. They are light and made of floss, so that t be carried in large quantiti the house to the garden, a accommodate a much larger than can chairs, with relative comfort.

It is always a good plan, w lay out your tennis court, to mind the importance of thi matter of the onlookers' comf try to select, if possible, a where the shade of trees utilized. Broken flag may be place of the grass, if the trees happen to be apples, or of son variety under which grass With the paving, the bare avoided. There is nothing m lightful than a green carp little enclosed garden of this

Drix Duryea

One of the features of the scheme is a simple circular pool whos rough stone margin is planted with Iris and various rock plan



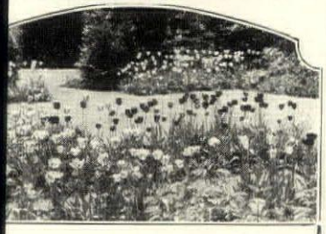
ESTABLISHED 1810

ALLOWAY POTTERY

Galloway Pottery adds interest to the garden, sun room and hall. These high fired strong and durable terra cottas include shapely Jars, Bird Baths and Fonts, Flower Vases, Pots and Boxes, Gazing Globes, Benches, etc.

A collection of over 300 attractive numbers is shown in our catalogue, which will be sent upon receipt of twenty cents in stamps.

LOWAY TERRA COTTA CO.
WALNUT ST. PHILADELPHIA.



HUMWAY'S
"Pedigreed" Bulbs
All Guaranteed Blooming Size

ant a Radiant Garden of Tulips This Fall

0 bulbs Giant Darwins, 10 varieties $1.85

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ach collection listed will give you brilliant, harmonious effect.

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nd for free catalog of named rieties (Holland grown) Tulips, yacinths, Narcissus, etc. Japnese and native grown Lilies. eonies and Iris.

arly orders advised so as to asre satisfaction in selection of rieties.

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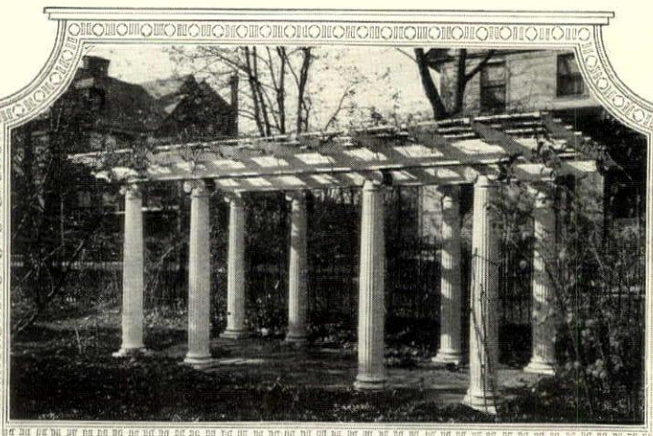
Established 1870



This cool out-of-door room will bring you *summer comfort*

Here in this cool, restful retreat you can enjoy many an hour with a book or a friend—a delightful tea—a romp with the children. It is a real out-of-door room that not only adds distinction to most elaborate grounds, but provides new comfort through the summer's heat.

We can produce pergolas, lattice fences and arbor seats, as well as hundreds of other items, at less cost than can your local carpenter. Besides, our products are architecturally correct and quality built. Many of them embody famous Koll Lock-Joint Columns. We sell direct to you. We offer many advantages and economies made possible by our 26 years' experience as America's largest designers and builders of such products. Send 30c for illustrated catalog P-34, filled with suggestions.

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2187 ELSTON AVENUE, CHICAGO, ILL.
SHOWROOMS: 6 EAST 39TH STREET, NEW YORK CITY

HARTMANN-SANDERS

Koll Lock-Joint Columns—Pergolas—Rose Arbors
Garden Furniture and Accessories

KOLL LOCK-JOINT COLUMN

THEY CANNOT COME APART

Lovely Gardens

Love of flowers has led many homeowners to install the Brooks System of Irrigation—and the Brooks System has given them a new vision of better home-building. For it has enabled them to develop and promote the growth of each garden until it has truly become a decorative background for the house—filled with the charm of nature's richest coloring and choicest perfume. Perhaps you, too, seek a dependable source of moisture supply for gardens—and for green, luxuriant lawns. May we send you the new Brooks booklet, telling you of the almost unbelievable achievements of this Automatic Clock-Control System? No more hose. No more "burned out" grass. No more ruined hopes as a result of August sunshine. Write today for detailed data

Rain's Only Rival! **BROOKS** *Consult Your Landscape Architect!*

Frost-Proof Underground Sprinkling System
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Chicago Office: 34 West Lake Street
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Beautiful, Fragrant, Hardy

Peonies

The World's Best Varieties Are Now Available

During September we will be able to supply a large stock of fine healthy peonies in all the best varieties. These plants have been recently purchased by us from Mr. Wm. A. Peterson and will be supplied direct from the Peterson Nursery where they are now growing.

Peterson's Peonies have long been noted for their beauty, vigor and floriferousness, coloring and fragrance. Those who know the high quality of Mr. Peterson's splendid plants will quickly avail themselves of this opportunity.

All roots furnished will be under our 3 for 1 guarantee (formerly made by Peterson Nursery and which we shall continue on exactly the same basis). Our unique guarantee states plainly—"We will replace with three, any plant blooming untrue to description."

Peterson Nursery
Growers of the Finest Varieties of Peonies and Iris
CHICAGO, ILL.

March 13, 1924

I have this day sold to Northbrook Gardens, Glencoe, Illinois, P. L. Battey, Prop., all of my remaining stock of Peonies, in addition to large quantities previously purchased, including over seventy-five varieties rating from 8.6 to 9.9 inclusive, also most of the best new unrated varieties, together with my complete mailing and customer lists, all cuts and forms for continuing my Master List of Peonies.

It is my understanding that Mr. Battey intends to maintain the same high quality of stock and service, which has been my practice for so many years.

(SIGNED) Wm. A. PETERSON

Write For Your Copy of

NORTHBROOK GARDENS MASTER LIST OF PEONIES
(Formerly issued by Peterson Nursery)

It will assist you in the selection of these remarkable flowers, classifying as they do colors, seasonable blooming periods and fully describing each kind and variety. We offer in addition to the varieties awarded the highest ballot, some fine ones as yet not generally known. Your copy may be had for the asking.

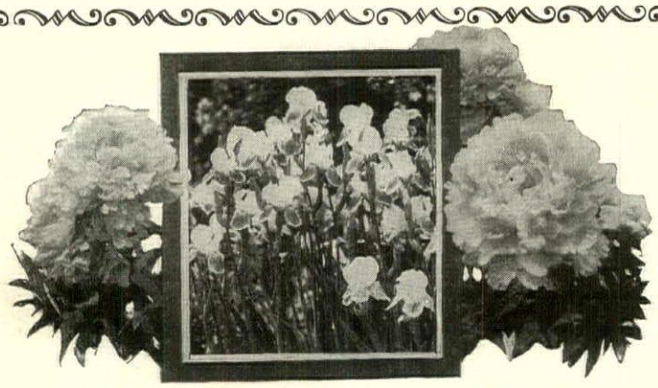
Two sizes of plants will be available.

Two eye balanced root division
This is a division with ample crown material, two well developed buds (or eyes) and a root system balancing the crown, giving a vigorous plant needing no coddling to produce strong, satisfactory growth.

Three to five eye standard root division
The old time large division giving earlier maturity.

Our own large stock is grown in the deep black clay loam of Northern Illinois under ideal conditions for Peonies. Our place is located five miles due West of Glencoe on concrete road (twenty miles north of Chicago).

NORTHBROOK GARDENS
Glencoe, Ill. P. L. Battey, Prop.



Now is the Time to Plant

IRIS & PEONIES

While many plants may be as readily transplanted in the Spring as in the Fall, late summer and early autumn is the only time suitable for Peonies and Iris, as they should not be moved till after the blooming season and their tops begin to wither. This gives them a long season to get settled in their new home and insures a plentiful supply of blooms the following season.

Outpost Nurseries offer below two groups consisting of the very best of the varieties recognized by the Peony and Iris Societies—not all new varieties, but the most dependable.

PEONIES
A collection of 5 superb varieties

Mons. Jules Elie . . .	each $1.50
Albert Crousse . . .	each 1.50
Felix Crousse	each 1.50
Karl Rosenfeld . . .	each 3.00
Festiva Maxima . . .	each 1.00
	$8.50

SPECIAL—One each of the above Peonies . . . $7.50

IRIS
5 Choice Iris Germanica

3 Pallida Dalmatica . .	each .35
3 Lohengrin	each .50
3 Rhein Nixe	each .50
3 Aurea	each .30
3 Mme. Chereau . . .	each .25
	$5.70

SPECIAL—3 each of these magnificent Iris (15 plants in all) $5.00

(*Minimum order*) . $5.00

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CYCLONE
"GALV-AFTER"
Chain Link Fence Fabric

Cyclone "Galv-After" Chain Link Fence quickly took its place as the preferred fencing for private property. It was the first Chain Link Fence Fabric to be successfully Heavily Zinc-Coated (or Hot-Galvanized) by Hot-Dipping Process AFTER Weaving. "Galv-After" Fence Fabric lasts years longer. No annual painting required.

Write Dept. 51 for complete information about "Galv-After" Fence and Cyclone Service. Also about Cyclone Iron Fence, in attractive styles to suit all tastes.

CYCLONE FENCE COMPANY

Factories and Offices: Waukegan, Ill., Cleveland, Ohio, Newark, N. J., Fort Worth, Texas, Oakland, Calif., (Standard Fence Co.), Portland, Ore., (Northwest Fence & Wire Works).

The Mark of Quality Fence and Service

Cyclone "Red Tag" Fence and Products

Cyclone Fence

PROPERTY PROTECTION PAYS

NOTES OF THE GARDEN CLU

ELLEN P. CUNNINGHAM

THE Kanawha Garden Club, of Charleston, West Virginia, is the pioneer, and said to be the only organization of its type, in the State. Mrs. J. R. Thomas is the President of the Club, which, in 1921, was formed with a group of ten women, by the recently retired President, Mrs. W. E. Chilton, Jr., Mrs. Buckner Clay, Mrs. Arthur Hill and Mrs. Robb McCabe. The membership now includes forty women, who pay annual dues of $4.00, all doing personal work in their gardens, and who meet at each others homes, bimonthly, excepting in December and January. A committee is appointed for each of the Meetings to take charge of the Program, which often offers a horticultural topic, treated by representatives of the Club, who also consider "Catalogue Orders", as well as "Historic Gardens", the last subject being divided into accounts, by several members, of English Gardens of different periods, Spanish, and French Gardens, with examples of noted design, as of Le Notre's.

CHARLESTON, WEST VIRGINIA

At the first February Meeting in 1924, slides, loaned by the Garden Club of America, were shown of the miniature models of gardens which had been exhibited at the Flower Show in New York, in 1923. The Kanawha Garden Club sent an interesting model, to the recent Competition arranged at the last International Flower Show, Mr. George Conch, President of the Charleston Rose Society, talked on "Growing Roses", at an April Meeting and in May, "Wild Flowers" were on the Program at Mrs. C. E. Ward's who is Chairman of the Wild Flower Committee of the Club, which has distributed, in the Schools, 4,000 pledges for the children to sign, to protect the Birds and shrubs, as well as the Flowers. Printed appeals are also being posted in the woods, to interest the general public in conservation. In the Fall, the Club will be addressed by Mr. Ernest H. Baynes, of New Hampshire, the naturalist and author, who lectures on "Wild Bird Guests and how to Attract Them", and on "Birds in the Nesting Season". Speakers of other years have been Mr. John C. Wister, who showed slides of "European Gardens Large and Small", Dr. Robert L. Morris whose subject was "Nut-bearing Trees", and the State Ornithologist, Mr. I. H. Johnston residing in Charleston, who explained the "Culture of Dahlias" which he hybridizes. Miss Alice A. Trabue, on another occasion, described the "Historic Gardens of Kentucky". The Meetings are held, in the Y. W. C. A. Building sometimes in the evening, and whenever a professional Lecturer addresses the Club, the Public is invited to be present. An important feature of the Program of the Garden Club are the Competitions of Bulbs and Flowers, held in April, June, and September. There is also an annual Flower Show, that of 1922 being held in Kanawha Park, in 1923, the Show, arranged in the Y. W. C. A. Building, was attended by 500 sons. Classes for the Best Colle of Peonies, Spring Flowers, an Classes of Roses were open to members, also the Competitio Flower Arrangement and Table I ration. First honours in the were awarded to Mrs. Beverly B a Club member, for her arra ment of pale blue delphiniums, yellow columbines and Day- (Henerocallis), and white Roses ver Moon. The table cloth Spanish lace, and the place p were leaf green. A decorative of the Show was a Spring-ga composed of moss and real flo There were 135 entries in all, bons being awarded as prizes. mission was free. This year the den Club is cooperating with Charleston Rose Society in its S As Roses grow luxuriantly in Cha ton there is a newspaper campaig make it the "Rose City of the E and the Garden Club has distrib 500 Rose-bushes to 100 sc children, to whom prizes were g this Spring for the best results f one year's cultivation, also the is cooperating with the State, w donated Dahlias to children of town and County, the exhibit b aided by members of the Club served as judges. Another coop tive work, with the State, is to int property-holders along the fifty m of highway, between Huntington Charleston, to plant a row of trees, on each side of the road memory of soldiers who died in World War. Mrs. Chilton and Zimmern form the Tree Mem Committee and Mrs. H. M. An son represents the Club's Billboard Roadside Committee. There is a Kanawha Park Association, C mittee, a Member for the Farm reau Board, and a Committee to flowers, every Friday, to the Hospitals of the town. Another is to cooperate with the Mayor Charleston, in an effort to keep banks of the Kanawha River cl and eventually have the city them, for a park. Members have out "informal" gardens and in Ward's woods, surrounding her "e American" house, she planted m varieties of Wild Flowers and F in charming arrangement, Azaleas and Rhododendrons. E. W. Knight specializes in Peo and Iris, having nearly a de varieties of Japanese, and many the Germanica, including such ch examples as Cicile Minturn, La Ne Windham, Mary Gray and B Knight. The most important plan the Kanawha Garden Club is to courage amateur gardeners".

WATSONVILLE, CAL.

THE Garden Club Watsonv California, whose Chairman Mrs. James Sheehy, was founded 1921 by Mrs. John Gardner and associates, and is the Garden Sec of the Woman' Club, which inclu 275 women in its membership, built in 1917 a fine Club House, wh the forty members of the Garden C

(*Continued on page* 122)

Madonna Lillies

Glorify Your June Garden!

ese stately flowers, symbol purity and devotion, whose gal grace a..d glistening white-ss gives a supreme distinction any garden, are especially al-ing against a background of e Delphiniums.

Our bulbs are selected from the choic-collections in France—stalks 4 to 5 t tall, often 10 to 15 magnificent oms on a single stem.

o secure their beauty in a maximum ree of perfection for your June gar-n, the bulbs must be *planted in Sep-ber.* As these are all prize bulbs of eptional size, stocks are necessarily ited. Delay may mean disappoint-nt. Order now.

50¢ each, $4.50 a dozen, $35.00 per 100

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fabric is hot galvanized assembling, giving it a thor-coating of zinc that makes nce rustproof and gives it strength by soldering clamp in place.

elsior Rustproof Orna-l Wire Fence answers the nd for a combination of ar-attractiveness, strength and ite protection.

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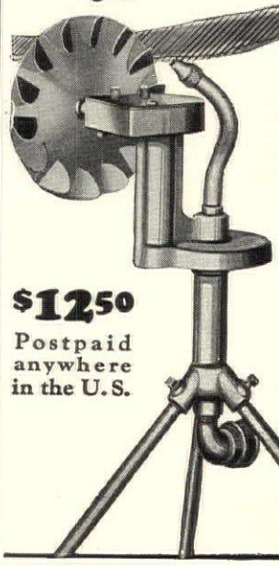

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Order on Approval. The DOUBLE ROTARY is sold Direct from Factory on a *Satisfaction or Money-Back Guarantee.* Price $12.50 postpaid anywhere. Order from this ad on approval. If not satisfactory in every way, return sprinkler and your money will be refunded. Descriptive literature on request.

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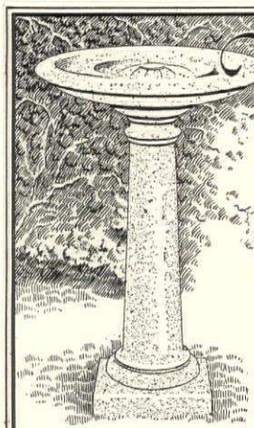

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Light Granite Finish

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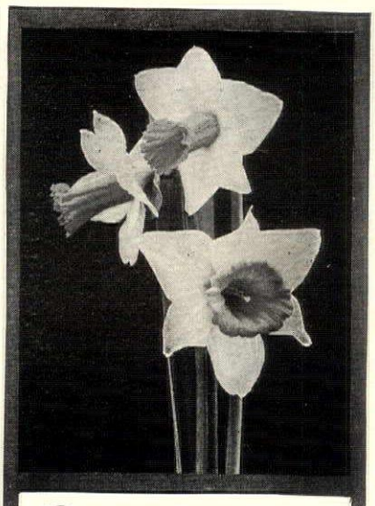


Opportunity!

Seldom repeats itself, but if by any chance you failed to buy Schling Quality Bulbs at our import prices of May and June, you will be glad to learn that we still can offer a limited number of the collections listed below *during the months of July and August only,* at prices far below those that will obtain later.

(NOTE—these are all top size, first quality bulbs in collections of named varieties—not mixed. Plant each variety separately and learn to appreciate its individual charm and beauty.)

100 **Single Early Tulips** in 10 named varieties	$3.75
100 **Double Early Tulips** in 10 named varieties	4.25
*100 **Darwin Tulips** in 10 named varieties. Immense flowers on stems 2½ feet tall	4.50
*100 **Cottage Tulips** in 10 named varieties. The Tulips of Grandmother's garden	4.00
*100 **Breeder or Art Tulips** in 5 rare named varieties. In form like Darwins, wonderful pastel shades	4.50
100 **Hyacinths,** Red, White, Blue or assorted	6.00
100 **Daffodils,** double varieties	6.50
100 **Daffodils,** large trumpets (Jonquils)	6.00
*100 **Poet's Narcissi**	5.00
100 **Crocus,** in 4 colors	2.00
Total value	$46.50

Special Offer The above collection of 1000 choice bulbs . **$40.00**

*Bloom in May and June. All the rest bloom in April and May,—the crocus earliest of all, as soon as the snow melts.

Two Very Special Bulb Offers

100 DARWIN TULIPS . . for only . . $3.00

Choicest, first-class bulbs, sure to bloom. Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold.

A $5 value for only $3, or if you prefer, 50 bulbs for $2.00

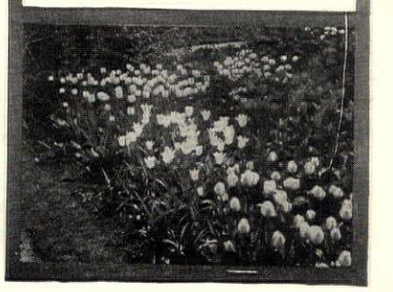
The Heralds of Spring

200 of these lovely Spring beauties—20 each of the following 10 named varieties for **$7.00**

Snowdrops (double); Snowdrops (Single); Glory of the Snow (blue); Heavenly Blue Grape Hyacinths; White Grape Hyacinths; Blue Squills (Scilla sibrica); Blue Bells (Scilla campanulata); White Blue Bells, Wood Hyacinths (Scilla Nutans); Winter Aconites.

Schling's Bulbs

26 W. 59th St., New York City



Important Announcement to PEONY LOVERS

HAVING received several letters from peony lovers expressing their regrets on learning that I had sold my peony business, I desire to inform all interested that the sale referred to in the Horticultural press, etc., was made by the Peterson Nursery of Chicago, a business with which I have never had even the remotest connection.

I not only have *not* sold my business, but, on the contrary, after a lifetime of devotion to the peony, my love and enthusiasm for this flower remain undiminished. I am, I think, better prepared to serve your peony needs this Fall than ever before. Both my one-year and two-year plantings are on ground virgin to this flower and promise to yield roots this Fall up to if not exceeding the very best that I have ever raised. They will, I am sure, maintain the supremacy for which "Peterson's Perfect Peonies" have so long been famous.

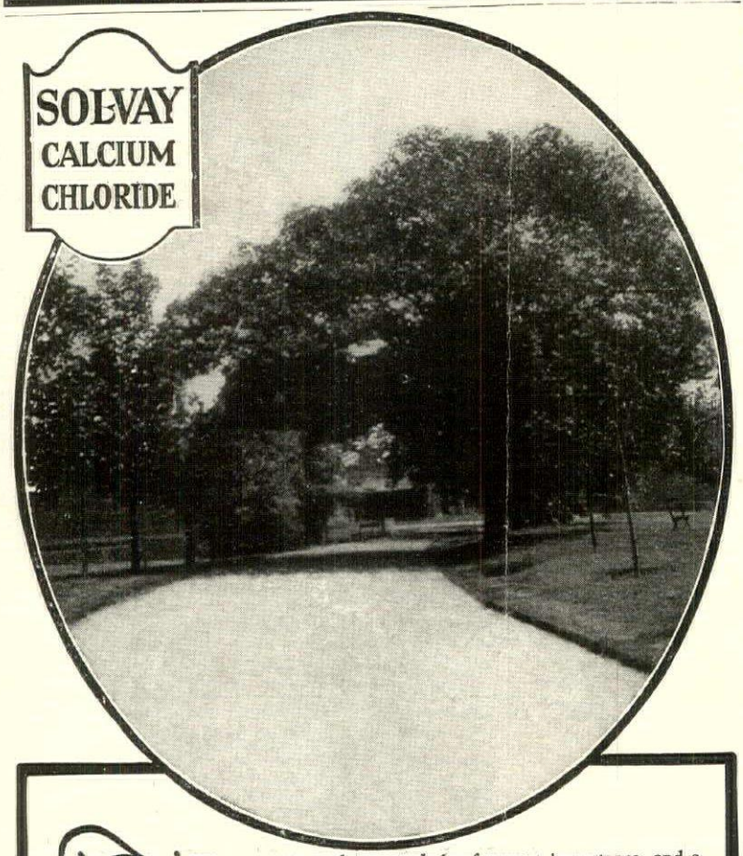
"THE FLOWER BEAUTIFUL"

(for 1924), the title of my peony catalog, published annually without a break for twenty years, will be ready as usual about August 1st, at which time a copy will be mailed to old customers and to all others who may apply.

George H. Peterson

Rose and Peony Specialist

Box 30, Fair Lawn, N. J.



THE approach to the grounds is of utmost importance, and a smooth, compact, dustless, weedless road adds immeasurably to the attractiveness of the general picture.

The ideal road is the Solvay treated road. Send for the Solvay Road Book, and see how easy it is to maintain perfect road surfaces.

Tennis courts are wonderfully improved by Solvay—makes a fast, smooth, weedless surface, free from sun glare. *Write for booklet 1357.*

THE SOLVAY PROCESS COMPANY

WING & EVANS, Inc., SALES DIVISION

40 Rector Street New York

NOTES OF THE GARDEN CLU

(*Continued from page* 120)

meet one afternoon a month. The annual dues are 25 cents. Lecturers have come from the University of California to address the members on Planting, and Arrangement of Flowers. Four Flower Shows a year are held, when all the flowers of the season are displayed. At the March Show, 1924, there were the following flowers, all out-door-grown,—Daffodils, Hyacinths, Violets, Primroses, Pansies, Heather, and Fuchsias,—also Spiræa, and Japanese Quince, being arranged in baskets, or dishes. The May Show exhibited chiefly Roses, Delphiniums, Poppies and other annuals. In August there will be Dahlias and Asters, while in November Chrysanthemums and Zinnias will form the Show. Between 100 and 200 persons visit these Exhibitions, which are usually free, though charge is made for refreshments. Music is often a part of the Program, at the Shows. The prizes are plants, flower-containers, etc. Commercial Growers, from other towns, were invited to exhibit, and Mrs. Sheehan, of San Jose, talked on the culture of the Chrysanthemums, which she brought to the Show. A plan for planting a Border with a large variety of flowers was purchased, from a landscape gardener, and the plan worked out on the grounds of a member of the Club which studied the development of the plants. As a Memorial to the soldiers of the Great War, the Watsonville Garden Club is planting European Plane Trees and Redwood Trees, also California Poppies and Lupins along twenty miles of highway, between Santa Cruz and Watsonville. The Flower Shows have served as the greatest inspiration for "Better Gardens" which are the greatest achievement of the Garden Club.

BETHESDA, MD.

THE Battery Park Garden Club, is a modern suburban development of Washington, D. C., is located at Bethesda, Md., and was organized in November, 1923, by Professor David Lumsden, F.H.B. of the Bureau of Plant Industry of the U. S. Department of Agriculture. Mrs. P. H. Mallory is President of the Garden Club whose membership is limited to residents of Battery Park and Edgmoor, who are mostly army, navy, and other professional people. Professor Lumsden is Honorary President and the Husbands of the women members are "Associates". The Club's active membership, recently only forty, is rapidly growing. The dues are $1.00 a year. Meetings are held in the morning, monthly, throughout the year, at the homes of members, in alphabetical order, but evening Meetings are also sometimes arranged when there is some topic of special interest to men, as a "Talk on Soils" by Professor W. R. Beattie, of the Department of Agriculture. Programs this first year have included "Growing More Vegetables" by Doctor W. A. Orton, Pathologist of the Bureau of Plant Industry, "General Gardening" by Prof L. C. Corbett, of the same Bu "Rose Culture in this Latitude" illustrated with colored slides by fessor Peter Bissett, Plant and Introducer of the Bureau of Industry. In April Mrs. Charl Stout, author of The Amateur's of the Dahlia, talked on *her* su to the Club, and in May, Pro Mulford, Chief of the U. S. E mental Rose Gardens in the D of Columbia, addressed the bers. Mr. Papenoe, Agricultura plorer, has also told the Clu another Meeting, of his recent t South America. Among the f Speakers on the Program is M H. Fowler, of the Shaw Water dens, who will talk on Water Half an hour of discussion fo every Lecture.

THE CHIEF PLAN

The chief plan of the B Park Garden Club is to beautif "individual members grounds the Park, as a whole". Pro Lumsden, Honorary President, scape Architect, plans and supe the parkways and streets of B Park, as well as advises wit members of the Club in devel their home-grounds. Each str being planted with one varie trees placed about fifty feet Roses are to set out in the spac tween, Professor Lumsden is usi American Elm, (Ulmus Ameri Sugar and Norway Maple, saccharum and Platanoides), Pi Willow Oaks (Quercus and pa and phellos), and the Maid Tree, (Ginkgo). The Roses planted are the Hybrid Teas, diance" both pink and red, burst", "Columbia", "Ophelia", line Testout", "Duchess of We ton", and Killarney double Most of the members' lots are 50x150 ft., to 100x125 ft., the ing of which is intended to the personality of the owner ing under guidance of Pro Lumsden, who has built, for hi a house of the old English ty is to have a Shakespeare Garde sides the holding of its regular ings, in the summer, the Clu arrange to visit private Estat Gardens, as well as public pla the tentative list for 1924 inc Washington's Home, at Vernon, Va.—Gunston Hall- Potomac, now the home of Mr. Hertle and famous for its hedge over 5 ft. high; and Oaks, Washington, D. C. the of Charles J. Bell, with a Ros den, and a walk bordered with nials, Figs growing along on at the back of the planting; a grounds of the Walter Reed H and the Soldier's Home, Wash D. C. The Secretary of the Park Garden Club is Mrs. Pariseau the wife of Pariseau.

he Sprinkler with brains!

ters any lawn, large or all, easier, quicker and er. A fast worker on low high pressure.

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mbination of the best stationary the best revolving sprinkler— more than both combined. At dealer's or send $3.50 and we will send a Rain King postpaid. Money back if it isn't the most wonderful sprinkler you ever saw.

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of exquisite design and coloring

igh fired, strong and durable a Cottas, will add charm and uch of individuality to your len or Home—Bird Baths, Dials, Wall Fountains, Jars, s, Pots, Benches, Seats, les, Pedestals, in either ed or natural finish, are nded in our large collection.

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Start Your Old-Fashioned Garden NOW!

The delights of a beautiful hardy border are within easy reach of all. Old-fashioned garden favorites as offered below are easily grown from Seed! And by sowing these seeds during July-August you will have by fall stocky plants, ready for spring bloom!

Twelve Favorites for Everywhere

Liberal Dreer packets holding high vitality seeds bound to grow if sown correctly:

Dianthus (Pheasant's-eye Pinks); Sweet William; Gypsophila (Baby's Breath); Sweet Rocket or Dame's Violet; Digitalis (Foxglove); Golden Coreopsis; Agrostomma (Rose of Heaven or Mullein Pink); Delphinium (Blue Butterfly Larkspur); Oriental Poppy; Lychnis (Jerusalem Cross); Gaillardia (Blanket Flower); Aquilegia (Columbine).

A packet of each of the above collection of 12 splendid Hardy Perennials, postpaid, for **50c.**

Dreer's Midsummer Catalogue

continues to serve home gardeners as a reliable source of information on what to do in the garden NOW! Offers seeds for present sowing, Bulbs for fall planting, pot-grown Strawberry Plants, etc. If you are not on our mailing list, please ask for your copy.

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The Insecticide Supreme

"Used exclusively on such well-kept estates as those of Mrs. Harold I. Pratt, Secretary of The Garden Club of America; Mrs. John A. Stewart, Jr., Vice-President of The Garden Club of America; Mrs. Walter P. Bliss and many others."

Controls Box Mite, Lace Fly on Rhododendrons, Azalea Beetle, Thrip, Leaf Hopper, etc.

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½ Barrel	50.00
1 Barrel	90.00

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12 Iris 12 Months Sub. $2

Luther Burbank says:—"No other so thoroughly practical, well edited, and generally interesting."

"THE FLOWER GROWER"

Unique Among Monthly Magazines

THE FLOWER GROWER is all that the name implies **AND MORE.** It tells all about flowers and it tells many other things of interest to those who aspire to better living conditions and more beautiful surroundings. It teaches **balanced activities** and a **sane perspective.**

Departments for the Rose, Dahlia, Iris, Peony, Gladiolus, and other flowers, Queries and Answers, Odds and Ends, Musings, Timely Suggestions, Our Birds, and many other helpful and interesting things. An editorial department and an editorial policy, which is strangely lacking in most magazines.

Up to sixty-eight 9" x 12" pages. Yearly subscription $1.50.

OFFER: 12 Iris grown in the Editor's own garden,—all different,—all good,—with full details for planting and culture, postpaid; and a year's subscription (12 issues), both for $2.00. Either plants or magazine alone easily worth this price. Irises are hardy northern grown sorts—you cannot fail.

Plant the Iris, watch them grow and bloom, read THE FLOWER GROWER, and see what happens.

Madison Cooper, Editor 12 Court St. Calcium, N. Y.

In Order to Make Your Perennial Garden in 1925

A Garden of Pleasure

YOU MUST SOW YOUR PERENNIAL SEEDS THIS MONTH.

AS WELL AS PLANT GERMAN, SPANISH & DUTCH IRIS NOW.

I am offering you superior home-grown, carefully hand gathered seeds from unusual and superfine flower strains—seeds that will produce flowering plants that will be a joy to you.

My Garden was visited by thousands of flower lovers during May and June and nearly every visitor was "thrilled" with my **"GLORY OF PUGET SOUND"** Delphinium strain, My selected long spurred **AQUILEGIAS** (originally Scott Elliott's strain) and my selected strain of **Pink Oriental Poppies** (the most wonderful pink you ever saw). Seeds from all of these, and several other choice Perennials are ripe and ready now.

If you are a lover of Delphiniums, and what Garden Lover is not, you will be interested in my little booklet: **The Growing, Cultivation & Propagation of Delphiniums;** I have a copy for you, and a price list of all my other seeds.

Of course, I am very proud of my own Delphinium strain, but I am also a great admirer of **Watkins Samuels Wrexham strain,** of which I am growing many plants in my Garden; seeds from these are ready now and I will have seedling plants next Spring.

Possibly you do not know that I have one of the largest, choicest **Iris Collection** in the country; our soil and climate produces rhizomes that can't be beat—a price list of over 200 of the world's choicest Iris for the asking.

I have sent, and can send plants successfully to every State in the Union—I can to your State.

O. M. PUDOR'S
Iris and Hardy Plant Gardens
Specialty Grower and Breeder of Superfine Iris and Delphiniums
Puyallup, Washington

and Peonies

WE specialize in high quality production on two early summer flowers best suited for garden and home beautification, the Iris and the Peony.

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Hubbard's unique guarantee is applied to both Iris and Peonies and states plainly: **"We will replace with three any plant blooming not true to description."** Furthermore, we will replace any article that might be received in bad condition.

Iris shipped after July 1.
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We made the world's largest single purchase from Wm. A. Peterson — all of his Iris and over $30,000 worth of Peonies—all choice varieties. We have the largest stock of rare and fine Peonies and Irises in the world.

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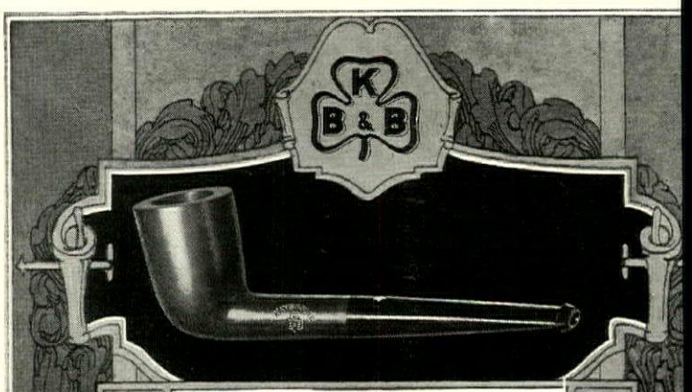

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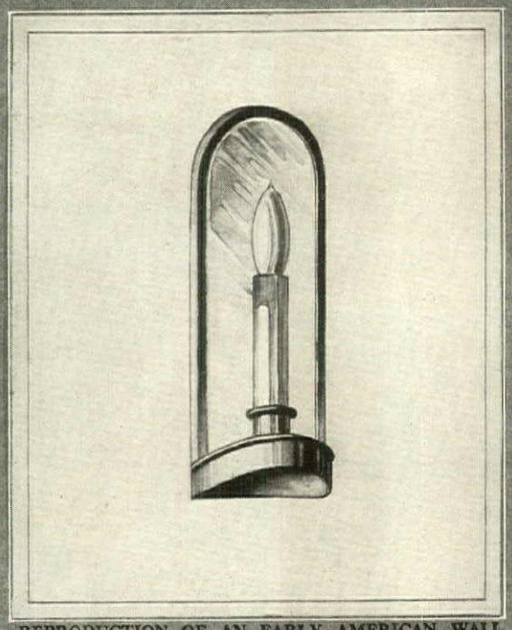
ITALIAN BRUYÈRE
FOUR DOLLARS AND UP

*A Kaywoodie is always good form..*The white clover in the stem is proof of the smoker's good taste. It is known as the mark of the finest Bruyère pipe made. A Kaywoodie pipe is always unconditionally guaranteed and there is no import duty included in its price.

KAUFMANN BROS. & BONDY
The Oldest Pipe House in America
33 East 17th Street, New York City
ESTABLISHED 1851



REPRODUCTION OF AN EARLY AMERICAN WALL SCONCE IN BRASS OR PEWTER FINISH, WITH MIRROR BACK.

CASSIDY COMPANY
INCORPORATED
Designers and Manufacturers of Lighting Fixtures
Since 1867
101 PARK AVENUE AT FORTIETH STREET
NEW YORK CITY

The Sheraton

There is an air of distinction to *Sheraton* designs in lighting equipment.

In them the discriminating purchaser finds originality and beauty of form combined with perfect craftsmanship — in short, those qualities of superiority that distinguish an artistic production from mere merchandise.

If you are planning a new home, or redecorating an old one, you should write for a copy of our helpful booklet, *Distinctive Designs for Home Lighting.* You will find many charming designs in chandeliers and wall brackets illustrated, and the moderate prices will be a pleasant surprise to you.

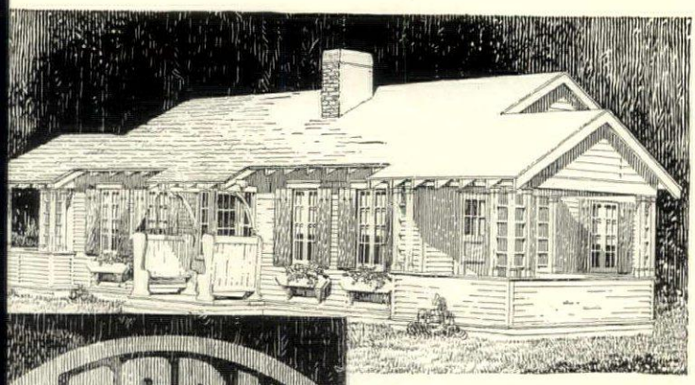
Design M-87

BEARDSLEE
CHANDELIER MFG. CO.
222 South Jefferson St.
CHICAGO

TRADE MARK

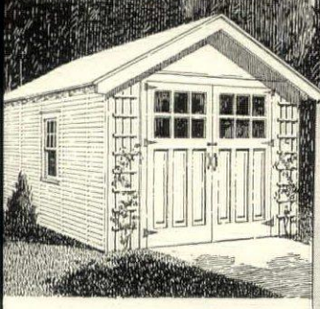
Look for this trademark on the lighting equipment you buy. It is your guarantee of QUALITY

"Notice the Lighting Equipme



TOGAN BUILDINGS

BUNGALOWS
SUMMER COTTAGES
GARAGES



THIS advertisement shows Togan Summer Cottage No. 18, and Togan Garage No. 128. The entire line of this year's models is shown in the Togan Catalog, sent anywhere for 15c coin or stamps.

Togan-Stiles, Inc.,
Grand Rapids, Mich.

Send for this informative book, full of beautiful, inexpensive buildings.

DURO
Water Systems

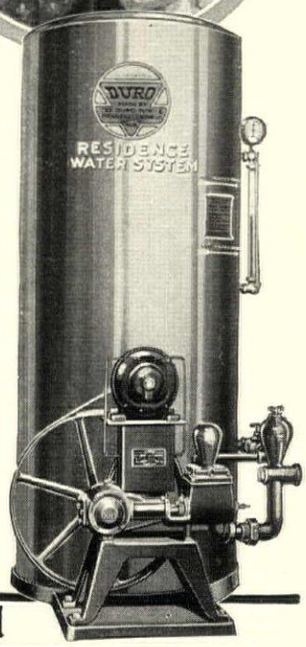
Once it was the old oaken bucket, next the hand pump, then the wind mill, but now thousands of suburban and country homes have **pressure water systems** that supply running water to bathroom, kitchen and laundry **"just like city water service."**

And with the development of this modern idea there has come one **outstanding name.** That name is DURO. Duro Water Systems have certain mechanical advantages that make for ease in installation, simplicity in operation and long, carefree service. "As good as Duro" is synonymous with the best.

Duro is the largest exclusive manufacturer of residence water systems and water softeners. There are Duro systems for deep wells and for shallow wells or cisterns. A Complete Duro ELECTRIC Water Lift may be had for as low as $79.50.

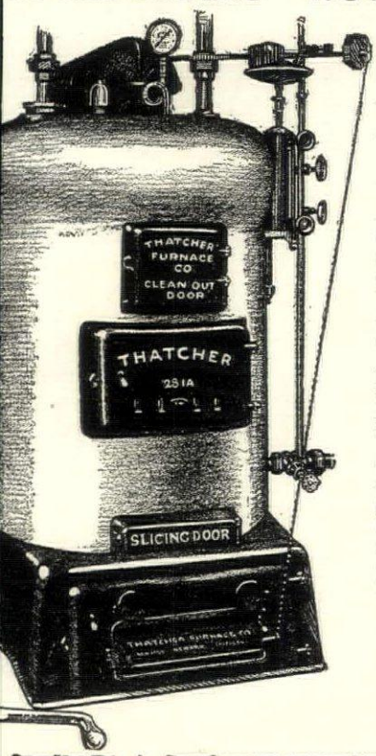
"How to Choose a Water System" is a booklet that states forty questions you should ask about water systems. Send for it today.

THE DURO PUMP & MFG. CO.
308 Monument Ave. Dayton, Ohio



Standard of the World

at the House—*not* the Chimney!



THATCHER Round Boilers

IF you found last winter that your boiler was not delivering as much heat as it should, it was probably warming the great outdoors instead of the house. That meant chilly rooms with consequent discomfort and unnecessarily large coal bills.

Next winter, let a Thatcher Steam or Hot Water Boiler solve your heating problem. The "staggered" fire travel cheats the chimney and keeps every room at a cosy and consistent temperature. You'll be surprised how easy a Thatcher is to operate. The saving in the amount of coal consumed will be a revelation, too!

Send for illustrated Boiler catalogue

THATCHER HEATERS & RANGES

THATCHER FURNACE COMPANY
Makers of GOOD Heaters and Ranges Since 1850

Display Rooms: West 35th St., k, N. Y.
Thatcher Building: 39-41 St. Francis Street NEWARK, NEW JERSEY
Western Display Rooms: 341 No. Clark St., Chicago, Ill.

SHAPCO RADIATOR SHIELDS

A thing of beauty

A protection that pays for itself many times

SHAPCO SHIELDS will save your walls, draperies etc.

SHAPCO SHIELDS
MADE IN MANY STYLES
GLASS, MARBLE or METAL TOPS

SODEMANN HEAT & POWER CO.
2304 MORGAN ST. ST. LOUIS, MO.

BOOK ON REQUEST

Name _____
Address _____
City _____ State _____

Enjoy the Highest Attainment in a Heating System

With a Bryant Boiler in operation, the temperature of your home is evenly maintained; ashes, dirt, noise and labor are eliminated.

Thousands of

BRYANT GAS BOILERS

are in use "Wherever Gas is Available." We are pardonably proud of the satisfactory service they have delivered always.

You will want to learn about Bryant Automatic Heat. Phone or write for literature and any information desired.

THE BRYANT HEATER & MFG. CO.

976 East 72nd St.
CLEVELAND, OHIO
Branch Offices in Principal Cities

Kernerator-equipped residence of Mr. Geo. F. Rand, Buffalo, N.Y., Architects, F. J. and W. A. Kidd

Instant Waste Disposal —Built in, No Upkeep Cost!

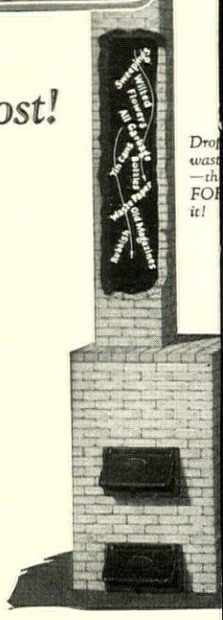
THE nuisance of those continual, tiresome trips to garbage can and rubbish pile are unknown in the modern, Kernerator-equipped residence. Now, with the time-tried Kernerator, you dispose *instantly* of *all* household waste—*without stirring from the kitchen—and without a cent of upkeep cost!* Moderate in price. Easily installed *while building is being erected* (not afterward).

A brick combustion chamber at the base of the chimney communicates, through a flue, with handy hopper doors in or near the kitchen (upstairs also, if desired). *All* waste—garbage, sweepings, tin cans, bottles, papers, magazines and trash of every description—is dropped through hopper door. In the chamber below all combustibles are burned, while non-combustibles are flame-sterilized for removal with the ashes.

Consult your architect—he knows and will recommend the Kernerator—or write for references of near-by installations.

KERNER INCINERATOR COMPANY
1025 Chestnut St. Milwaukee, Wis.

KERNERATOR
Built-in-the-Chimney
Reg. U. S. Patent Office



Gray Hair Banished in 15 minutes

Thousands of women say:
"I make no secret of the fact that Inecto Rapid, Notox, brought back all the original color and beauty of my hair."

Inecto Rapid, Notox, colors permanently naturally gray, faded or streaked hair to its original shade in 15 minutes; and brings back all the natural brilliancy and texture. The tint is natural and permanent. Women everywhere insist upon it in preference to all other hair colorings. It will not rub off nor be affected by sunlight, shampooing, salt water, Russian and Turkish baths, permanent waving or other hair treatments.

In New York it is used in the ultra-fashionable salons of the Hotels Waldorf-Astoria, Pennsylvania, Biltmore, Commodore, Ritz-Carlton and Plaza.

Inecto Rapid, Notox, comes in 18 distinct shades, from raven black to golden blonde. If it is not all we claim, your money will be refunded without question.

Thousands of women apply it in their own homes with complete success.

SEND NO MONEY

Merely ask us to send you full particulars about Inecto Rapid, Notox, and our Beauty Analysis Chart VVV-3

INECTO, Inc.
33-35 West 46th St.,
New York, N. Y.

INECTO RAPID NOTOX

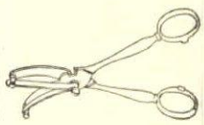
Sold by best Beauty Shops, Drug and Department Stores

A rose by any other name—

would be as easily cut and carried with this equipment:

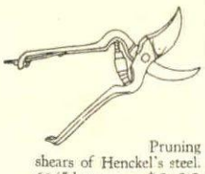
Picking-basket with hand-painted flower designs on blue, yellow or green backgrounds. 24" long, 14" wide, 4" deep. **$6.00**

The Picking-basket that borrows its coloring from the blooms it carries, itself as decorative as it is useful.



Rose-scissors, 6" long, with steel springs that automatically grasp the flower's stem as it is cut. **$2.00**

Rose-scissors that cut the stem and then hold the flower, so that one need not penetrate a jungle of thorns.



Pruning shears of Henckel's steel. 6½" long. **$2.00**

Pruning shears for trimming branches or for especially stubborn stems. And any number of other equally useful garden things.

LEWIS & CONGER

45th St. and 6th Ave.

"A HOUSEFUL OF HOUSEWARES"

Lewis & Conger
45th St. & 6th Ave.
New York, N. Y.

Send me, collect: ☐ Picking-basket; ☐ Rose-scissors; ☐ Pruning shears. Check in front of items desired.

Name.....

Address.....

SEVERAL SCHOOLS

WHEN you write us advice about sch for your children we s you the names of sev which seem suitable acco ing to the information ab your children which have given us.

In this way you have opportunity to consider s eral schools with comp and detailed informat about each one.

If you are soon to choos school—and the new sch term opens the end of month — for your son daughter, consult us. We sure to have some interest information.

The Condé Nast School Service
25 West 44th Street
New York City

$12.50

DIRECT FROM
GRAND RAPIDS FACTORY

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Factory Price

nd Rapids furniture is world fa-
s. For years it has been sold only
stores whose expensive locations
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sional table direct from the fac-
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ured finish, the fine craftsman-
. Walnut or mahogany finish.
ghtfully convenient anywhere—
n end table, by the big fireside
r, in the sun room. Roomy
partment in top, handy book
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*nd check, or pay the postman.
conditionally guaranteed. Shipped
epaid. If you are not delighted,
urn at our expense. Brochure
scribing other pieces on request.*

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OODCRAFTERS
RAND RAPIDS MICHIGAN

Mantel
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Million Homes

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e installations by the authori-
e designers of Mantels and
place Equipment, and you
ily solve the Mantel prob-
for your home.
ge illustrations show you ex-
how the Mantel and Fire-
e will look. Prices are at-
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e Fixtures, Floor and Wall
s.
us help you make your selec-
, and that we may better
t you tell us, when writing
catalogue, how many Mantels
need, and whether you are
ding or remodeling.

g Mantel & Furniture Co.
302 Gay Street
Knoxville, Tennessee

DO YOUR CURTAINS GIVE YOU ALL THEIR LOVELINESS ?

FINE Curtains alone cannot produce beautiful window effects. The rods are almost as important; they make or mar a Curtain's charm.

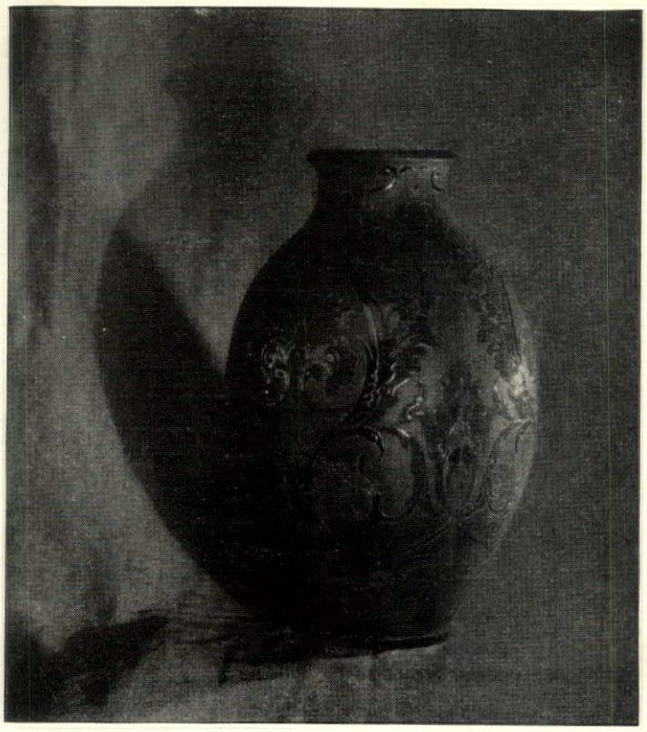
With graceful, scientific Bluebird Rods, Curtains give you all their loveliness. Rustless, sagless, economical, they come single, double, triple in lustrous Satin Gold and White Enamel. Easy to put up—packed with both nails and screws.

Stiffening Ribs distinguish "Bluebirds" from other rods. Look for this feature. Made by H. L. Judd Co., Inc., New York.

Ask your dealer for Bluebird Rods. He carries them or will gladly get them for you.

"Bluebird"
FLAT-Extending
CURTAIN RODS

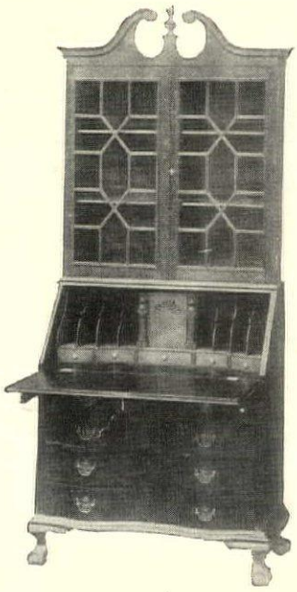
"Rods that make Curtains Prettier"



ROOKWOOD

aims at a constant freshness while maintaining the high traditions of an art as old as time. Examine our products which are carried by an exclusive representative in your locality or write direct to us.

THE ROOKWOOD POTTERY COMPANY
Rookwood Place, Cincinnati, Ohio



COLONIAL SECRETARY
(Governor Winthrop Design)

A piece of rare beauty, faithful in line and detail and custom built of the very best materials by skilled cabinet makers. Genuine selected mahogany, hand rubbed finish. Note the thirteen individual panes of glass in each door, symbolic of the thirteen original States. Corresponds to the finest pieces sold by exclusive dealers and guaranteed to be satisfactory. 38" long, 20" deep, 80" high.

This is our feature piece, specially priced for July and August **$152.50** Carefully packed for shipment.

Special Offer: Freight prepaid anywhere in United States during July and August, only.

Sent on receipt of price—or C.O.D. with $40.00 deposit.

We have many other attractive pieces. Send for our Booklet G-7.

WINTHROP FURNITURE CO.
424 Park Sq. Building Boston, Mass.
(St. James Ave., Arlington, Berkeley and Providence Sts.)

The home you've dreamed of

What shall it look like? How many rooms shall it have? Shall it have a sun porch? A garage? Shall it be of brick or stone or frame or hollow tile or stucco or cement block?

Whatever your needs, your tastes or your income, your dream has come true. For 159 of America's foremost architects have planned 500 delightful, livable, moderate-priced homes for your choice.

They are in Volume I of "The Books of a Thousand Homes." Any one of these architects would have to charge at least $500 for an individual commission. Yet in this one beautiful volume you retain them all for $3!

For every plan in the book, blue prints and architects' specifications are easily available.

$3

The first edition is limited
Clip the coupon NOW

HOME OWNERS SERVICE INSTITUTE, Inc.,
35-37 West 39th St., New York City
Send me Volume I C.H. "The Books of a Thousand Homes," by parcel post collect.
☐ My check (or money order) for $3 is enclosed.
☐ When I receive the book I will give the postman $3 (plus a few cents postage) in full payment. Check plan of payment desired.

Name.....

Address.....

-DAY MAGAZINE
ATE DUE
REFERENCE

PIERCE ARROW Series 80 is ready

DISCARDED

A New Car—
A New Size—
A New Price

PIERCE-ARROW has added to its line a new product—the *Series 80*. The new car is the answer to this question which motor car owners have so frequently asked us.

"In addition to the Dual-Valve Six, why don't you build another car, one more modest in size and in price, so that more people may experience the pleasure and satisfaction of owning and driving a Pierce-Arrow?"

The new car is Pierce-Arrow through and through—in engineering, in construction, *in performance*. It adequately reflects the accepted fine car practice of today and also mirrors the Pierce-Arrow ideal which has been so rigidly adhered to for twenty-three years. Many months were spent by the engineering department designing and redesigning, building and rebuilding experimental models which were required to pass every conceivable laboratory and road test. Then a fleet of the new *Series 80* cars was put through actual factory production.

Series 80 — 7-Passenger Touring Car

$2,895

5-Passenger Sedan, $3,895; *at Buffalo*
Government Tax Additional

STANDARD EQUIPMENT . . . Balloon Tires
Pierce-Arrow Four-Wheel Safety Brakes

Pierce-Arrow Products include passenger cars of two types; the Pierce-Arrow Dual-Valve Six and the Pierce-Arrow Series 80... Pierce-Arrow Motor Busses... Pierce-Arrow Heavy Duty Motor Trucks

These *stock cars* were sent to every part of the country. months they were driven night and day, winter and su over mountain roads, rutted trails, desert sands, gluey And finally the perfected Pierce-Arrow *Series 80* was bor

Such unusual methods were necessary to develop a ca would meet Pierce-Arrow standards. The Pierce-Arrow *Se* displays capabilities far above the average. Alert, easy a ation; adequate power for every conceivable need; ease of c in every situation; quick, safe stopping; economy of ope and maintenance—all of these are p nent characteristics of this new P Arrow. Although no statement of has previously been given out, ord "the new Pierce-Arrow" have been mulating for months.

The Pierce-Arrow *Series 80* is on d today in the Pierce-Arrow showroo your city. Our representative will a a thorough demonstration for you.

A catalog describing the Pierce-Arrow Series 80 in detail may be obtained from our local dealer or by addressing us

THE PIERCE-ARROW MOTOR CAR COMPANY, *Buffalo, N.*

CONDÉ NAST PRESS GREENWIC